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EDITORIAL NOTICE

Owing to unusual circumstances, this batch of *Minor Planet Circulars* is being dated one week after the official date.

The following resolution concerning designations and names of comets was adopted by the International Astronomical Union at its General Assembly in The Hague on Aug. 24:

1. Commission 20 of the IAU, considering that:

- (a) there is essentially a 1:1 correspondence between the provisional (year/letter) and definitive (year/Roman numeral) designation systems for comets;
- (b) the procedure for interpolating old discoveries of comets into the existing designation systems is unsatisfactory, particularly when orbit determinations are not available;
- (c) the application of a new designation at each return of a periodic comet to perihelion is an unnecessary complication, particularly when the comet's recovery can be described as "routine", or for the rapidly increasing number of periodic comets that are followed all around their orbits; and
- (d) there can be confusion whether a newly-discovered object is a comet or a minor planet,

proposes to replace the present designation systems for comets with a system that closely resembles, but is not identical to, the designation system for minor planets.

2. Specifically, it is resolved that the year/letter and year/Roman numeral systems be replaced by one in which each cometary discovery is given a designation consisting of the year of observation, the upper-case code letter identifying the halfmonth of observation during that year according to the procedure used for minor planets, and a consecutive numeral to indicate the order of discovery announcement during that halfmonth. Each new designation shall be supplied by the IAU Central Bureau for Astronomical Telegrams when the discovery is announced in one of its *Circulars*. For example, the third comet reported as discovered during the second half of February 1995 would be designated 1995 D3.
3. The nature of an object can further be indicated by an initial prefix. In particular, such prefixes should be applied in cases where comets have possibly been misdesignated as minor planets, or vice versa. If necessary, the prefix

A/ would precede a comet designation that actually refers to a minor planet (or asteroid). For comets the acceptable prefixes are *P/* for a periodic comet (defined to have a revolution period of less than 200 years or confirmed observations at more than one perihelion passage) and *C/* for a comet that is *not* periodic (in this sense), with the addition of *X/* for a comet for which a meaningful orbit can not be computed and *D/* for a periodic comet that no longer exists or is deemed to have disappeared.

4. If a comet is observed to return (or have its periodicity established by observation through aphelion or from identifications), the *P/* (or *D/*) shall be preceded by an official sequential number (e.g., 1P/1682 Q1 = Halley), the list to be maintained by the Minor Planet Center and published in the *Minor Planet Circulars*. Subsequent recoveries shall be acknowledged with further designations only when the predictions are particularly uncertain.
5. The practice of providing future predictions for the returns to perihelion of all periodic comets for which there is a reasonable chance of future observations will continue. While this currently means, for example, the publication of predictions for the comets for the year n in the batch of *Minor Planet Circulars* for May of the year $n - 3$, the elements being for the 40-day date closest to perihelion passage, it is to be expected that this process will be supplemented—and perhaps eventually supplanted—by one that provides the orbital elements for these comets routinely at epochs 200 days apart, as in the case of minor planets.
6. In the case of a comet that has separated into discrete components, those components should be distinguished by appending *-A*, *-B*, etc., to the designation (or to the *P/* or *D/* periodic comet number).
7. Noting that some redundancy of nomenclature is desirable, it is proposed to retain in general terms the tradition of naming comets for their discoverers. In this framework, a committee has been formed to establish more precise procedures to ensure fairness and simplicity.
8. It is proposed that comet names be announced in the *IAU Circulars* only following consultation between the Central Bureau for Astronomical Telegrams and the Commission 20 Small Bodies Names Committee.
9. Whereas the new designation system for comets implies the possibility of confusion (if incorrect spacing is used) with that for new planetary satellites, it is proposed to indicate satellites with the prefix *S/*.
10. It is proposed that the new designation system for comets be introduced at the beginning of the year 1995. In the interests of avoiding confusion and

maintaining continuity, Roman numeral designations will be published in the *Minor Planet Circulars* for pre-1995 comet discoveries/recoveries passing perihelion in 1993 and 1994, and new-style designations will be supplied for pre-1995 comets, together with lists of correlations with both the year/letter and the year/Roman numeral systems.

The Commission 20 Small Bodies Names Committee replaces the Minor Planet Names Committee (viz. *MPC* 19055) and has as its members K. Aksnes, A. Carusi, Y. Kozai, B. G. Marsden, H. Rickman, L. D. Schmadel, V. A. Shor, R. M. West and D. K. Yeomans.

CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Mag.	N Obs.
1982 DB	1981 09 30.66562	01 44 04.73	+15 17 13.7	<i>MPC</i> 14122	17.5	V	1 413
1982 DB	1981 09 30.70729	01 44 03.08	+15 17 20.0	<i>MPC</i> 14122			1 413
1989 UN ₃	1989 11 05.94684	03 16 23.13	+14 33 25.1	<i>MPC</i> 16517			494
1989 UN ₃	1989 11 22.94253	03 02 51.22	+13 38 12.7	<i>MPC</i> 16517			494
1994 NB	* 1994 07 03.21163	16 01 06.39	+13 21 48.9	<i>MPC</i> 23724	15.0		675
1994 NB	1994 07 03.23472	16 01 06.27	+13 21 11.2	<i>MPC</i> 23724			675
(2186)	1988 01 23.34404	09 40 26.34	+11 59 02.5	<i>MPC</i> 12892			2 303
(2576)	1988 01 23.34404	09 40 19.65	+12 06 59.6	<i>MPC</i> 12892			2 303
(2714)	1988 01 23.34404	09 40 01.81	+14 05 19.7	<i>MPC</i> 12893			2 303
(3383)	1988 01 23.34404	09 47 16.88	+12 13 05.1	<i>MPC</i> 12893			2 303
(6016)	1994 05 21.87520	15 59 32.24	-12 33 27.2	<i>MPC</i> 23720			596
(6016)	1994 05 21.89583	15 59 30.98	-12 33 21.0	<i>MPC</i> 23720			596
(6016)	1994 05 21.90958	15 59 30.10	-12 33 17.0	<i>MPC</i> 23720			596

Note 1: 1982 DB = (4660). 2: time originally given as 23.33571.

IDENTIFICATION CHANGES

Continuation to *MPC* 23697.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	Obs.
1989 UE ₁₀	* 1989 10 21.46597	01 38 54.04	+08 01 38.3	1989 TR ₁	16.5		400
1989 UE ₁₀	1989 10 21.48681	01 38 53.21	+08 01 28.9	1989 TR ₁			400

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

046	Kleť. 0.57-m reflector + CCD. Observers J. Tichá, Z. Moravec, M. Tichý and Z. Vávrová.
104	San Marcello Pistoiese. 0.40-m <i>f</i> /5 reflector + CCD. Observers L. Tesi and G. Cattani.
292	Burlington. 0.20-m <i>f</i> /6.3 Schmidt-Cassegrain + CCD. Observer T. Handley.
323	Perth Observatory, Bickley. 0.3-m standard astrograph. Observers G. Lowe and A. Verveer.
360	Kuma Kogen. 0.60-m <i>f</i> /6.0 Ritchey-Chrétien + CCD. Observer A. Nakamura.
372	Geisei. 0.60-m <i>f</i> /3.5 reflector. Observer T. Seki. In part from <i>Orient. Astron. Assoc. Comet Bull.</i>
410	Sengamine. 0.20-m <i>f</i> /6.0 reflector + CCD. Observer K. Ito.

413	Siding Spring. 1.0-m reflector + CCD. Observers R. H. McNaught, G. J. Garradd, D. I. Steel and D. J. Asher.
540	Linz. 0.3-m <i>f</i> /5.2 Schmidt-Cassegrain + CCD. Observers E. Meyer, E. Obermair, H. Raab, E. Kolmhofer and A. Tetkovic.
557	Ondřejov. 0.18-m <i>f</i> /5.6 Maksutov + CCD. Observers P. Pravec, M. Varady, T. Hudeček and J. Janca. Measured by P. Pravec.
568	Mauna Kea. 2.2-m reflector + CCD. Observer D. C. Jewett. Reduced by D. J. Tholen using the Scotti special catalogue.
587	Sormano. 0.5-m reflector + CCD. Observers M. Cavagna and E. Galliani.
596	Colleverde di Guidonia. 0.31-m <i>f</i> /2.8 Baker Schmidt + CCD. Observers V. S. Casulli and S. Valentini.
657	Climenhaga Observatory, Victoria. 0.5-m reflector + CCD. Observer D. D. Balam.
666	Moorpark College Observatory. 0.35-m Schmidt-Cassegrain + CCD. Observer J. E. Rogers. $\lambda = 241^\circ.1692$, $\rho \cos \phi' = 0.8270$, $\rho \sin \phi' = +0.5604$ (see <i>MPC</i> 22434).
670	Camarillo. 0.25-m Schmidt-Cassegrain + CCD. Observer J. E. Rogers.
675	Palomar. 0.46-m Schmidt. Observers E. M. Shoemaker, C. S. Shoemaker, D. H. Levy and T. Spahr. Measured by C. S. Shoemaker.
816	Rand Observatory, Lake Placid. 0.37-m reflector + CCD. Observer G. R. Viscome.
897	YGCO Chiyoda Observatory. 0.25-m <i>f</i> /3.4 Wright-Schmidt camera + CCD. Observer T. Kojima.
970	Chelmsford. 0.30-m <i>f</i> /5.25 reflector. Observer N. James.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
Periodic Comet Tempel 2						
/1988 XIV	1994 07 05.76944	03 04 18.29	+06 54 49.4	17	T	372
/1988 XIV	1994 07 07.76666	03 08 16.63	+07 04 44.4	17	T	372
/1988 XIV	1994 07 15.77622	03 23 37.08	+07 38 51.8	14.8	T	360
/1988 XIV	1994 07 15.77830	03 23 37.34	+07 38 53.2			360
/1988 XIV	1994 07 18.78597	03 29 07.50	+07 49 23.8	16	T	372
/1988 XIV	1994 08 05.76753	03 58 50.29	+08 26 54.6	15.3	T	360
/1988 XIV	1994 08 05.77014	03 58 50.51	+08 26 55.1			360
Periodic Comet Encke						
/1990 XXI	1994 07 12.73420	22 07 48.26	-19 32 51.4	18.3	T	360
/1990 XXI	1994 07 12.73819	22 07 47.88	-19 32 53.1			360
/1990 XXI	1994 08 03.61944	21 27 26.17	-22 11 16.6	18.7	T	360
/1990 XXI	1994 08 03.62396	21 27 25.67	-22 11 17.7			360
Comet McNaught-Russell (1990 XXII)						
/1990 XXII	1994 08 15.68546	22 48 07.31	-58 08 09.3		F	413
/1990 XXII	1994 08 15.69140	22 48 07.07	-58 08 12.4		F	413
/1990 XXII	1994 08 15.69734	22 48 06.79	-58 08 13.2		F	413
/1990 XXII	1994 08 16.73768	22 47 30.25	-58 12 44.1			413
Comet Mueller (1993a)						
/1993a	1994 07 15.72309	22 19 21.91	-37 38 38.9	12.0	T	360
/1993a	1994 07 15.72535	22 19 21.60	-37 38 43.4			360
/1993a	1994 07 29.51530	21 43 37.42	-44 46 36.4			413
/1993a	1994 07 29.56391	21 43 29.15	-44 47 53.9			413
/1993a	1994 08 01.69028	21 34 15.02	-46 09 46.3			323
/1993a	1994 08 02.64722	21 31 22.21	-46 33 25.8			323

/1993a	1994 08 12.78333	21 00 03.37	-50 01 01.7		323	/1994f	1994 06 04.29482	15 47 02.03	+70 14 18.6		666
/1993a	1994 08 15.62730	20 51 18.76	-50 45 01.6		413	/1994f	1994 07 10.84917	11 41 36.93	+43 13 46.3		587
/1993a	1994 08 15.62917	20 51 18.42	-50 45 03.2		413	/1994f	1994 07 10.85381	11 41 36.73	+43 13 37.8	12.4 T	587
Periodic Comet Tempel 1											
/1993c	1994 06 28.46528	13 32 22.69	-08 06 55.6		323	/1994f	1994 07 16.85240	11 37 29.26	+40 22 41.2		587
/1993c	1994 07 29.51111	14 37 21.08	-19 58 16.1		323	/1994f	1994 07 16.86071	11 37 29.03	+40 22 27.8		587
/1993c	1994 07 31.49896	14 42 20.40	-20 38 40.3		323	/1994f	1994 07 16.90184	11 37 27.81	+40 21 24.3		540
/1993c	1994 08 03.47691	14 49 57.89	-21 37 37.9	12.5 T	360	/1994f	1994 07 16.90295	11 37 27.93	+40 21 21.6		540
/1993c	1994 08 03.47899	14 49 58.21	-21 37 40.3		360	/1994f	1994 07 16.90390	11 37 27.79	+40 21 20.1		540
/1993c	1994 08 07.51458	15 00 35.76	-22 53 54.3		323	/1994f	1994 07 16.90491	11 37 27.78	+40 21 18.5		540
Periodic Comet Shoemaker-Levy 9											
/1993e	1994 07 19.30561	14 13 01.933	-12 19 21.47		P 568	/1994f	1994 07 23.90932	11 34 43.47	+37 32 00.3		540
/1993e	1994 07 19.30561	14 12 59.187	-12 19 48.71		Q 568	/1994f	1994 07 23.91036	11 34 43.40	+37 31 58.2		540
/1993e	1994 07 19.30561	14 12 53.976	-12 20 36.52		R 568	/1994f	1994 07 23.91139	11 34 43.37	+37 31 55.9		540
/1993e	1994 07 19.30561	14 12 48.903	-12 21 21.46		S 568	/1994f	1994 08 02.16927	11 33 18.08	+34 26 15.8	13.0 T	670
/1993e	1994 07 19.33738	14 12 49.678	-12 21 20.13		S 568	/1994f	1994 08 02.17622	11 33 17.95	+34 26 07.5		670
/1993e	1994 07 19.33738	14 12 41.500	-12 22 32.16		W 568	/1994f	1994 08 02.84021	11 33 16.04	+34 14 09.2		587
Periodic Comet Reinmuth 2											
/1993g	1994 07 15.74688	01 09 58.56	+14 41 28.6	15.2 T	360						
/1993g	1994 07 15.74931	01 09 58.77	+14 41 30.9		360						
/1993g	1994 08 03.68681	01 36 06.77	+18 52 26.6	15.5 T	360	/1994g	1994 07 15.73958	00 32 17.11	-04 08 12.0	16.3 T	360
/1993g	1994 08 03.69028	01 36 07.02	+18 52 29.2		360	/1994g	1994 07 15.74236	00 32 17.47	-04 08 11.6		360
/1993g	1994 08 05.64248	01 38 25.00	+19 15 57.2	15.4 T	410	/1994g	1994 08 03.70451	01 14 20.62	-03 30 16.9	16.2 T	360
/1993g	1994 08 05.65579	01 38 25.88	+19 16 06.8		410	/1994g	1994 08 03.70764	01 14 21.04	-03 30 16.9		360
Periodic Comet Helin-Lawrence											
/1993l	1994 08 03.63594	22 42 24.42	-20 08 31.5	17.3 T	360	/1994h	1994 08 03.65833	00 39 08.38	+06 32 50.7	18.4 T	360
/1993l	1994 08 03.64149	22 42 24.23	-20 08 33.1		360	/1994h	1994 08 03.66632	00 39 08.49	+06 32 49.4		360
Periodic Comet Whipple											
/1993n	1994 08 03.67309	00 44 30.77	+06 13 55.9	19.3 T	360	/1994i	1994 06 04.23290	13 59 15.47	-11 07 24.5		666
/1993n	1994 08 03.69722	00 44 31.07	+06 13 54.7		360	/1994i	1994 06 04.24795	13 59 10.14	-11 07 31.9		666
Comet McNaught-Russell (1993v)											
/1993v	1994 07 13.55972	15 22 20.28	+51 28 35.3	16.1 T	360	/1994i	1994 06 15.60208	13 03 45.99	-12 24 51.7	11 T	372
/1993v	1994 07 13.56250	15 22 20.53	+51 28 29.7		360	/1994i	1994 06 15.62778	13 03 39.88	-12 24 52.5		323
/1993v	1994 08 03.49167	15 53 58.35	+42 22 44.9	17.4 T	360	/1994i	1994 06 29.48229	12 22 49.25	-13 29 13.2		323
/1993v	1994 08 03.49444	15 53 58.61	+42 22 40.6		360	/1994i	1994 08 01.50069	11 46 13.07	-16 18 02.5		323
Periodic Comet Wild 3											
/1994b	1994 07 13.50521	14 54 50.73	-15 25 44.1	18.8 T	360	/1994j	1994 07 15.75382	01 32 14.67	+10 09 57.4	17.3 T	360
/1994b	1994 07 13.51372	14 54 51.02	-15 25 48.9		360	/1994j	1994 07 15.75660	01 32 14.97	+10 09 58.6		360
/1994b	1994 07 13.51944	14 54 51.14	-15 25 52.4		360	/1994j	1994 08 03.71545	02 08 15.41	+12 22 25.7	16.7 T	360
Comet Shoemaker-Levy (1994d)											
/1994d	1994 08 05.75625	04 47 58.85	+57 53 19.3	18.2 T	360	/1994j	1994 08 03.72292	02 08 16.21	+12 22 28.0		360
/1994d	1994 08 05.75903	04 47 58.38	+57 53 21.0		360	/1994j	1994 08 05.71852	02 11 51.90	+12 33 13.1	16.5 T	410
Periodic Comet Russell 2											
/1994e	1994 07 11.52847	15 23 53.03	-28 38 38.0	18.5 T	360	/1994j	1994 08 05.72755	02 11 52.86	+12 33 16.3		410
/1994e	1994 07 11.56111	15 23 53.20	-28 38 41.1		360						
Comet Takamizawa-Levy (1994f)											
/1994f	1994 06 04.28996	15 47 08.82	+70 14 20.0		666						
/1994f	1994 06 04.29135	15 47 06.98	+70 14 20.0		666						
Periodic Comet Harrington											
Periodic Comet Maury											
Comet Takamizawa (1994i)											
Periodic Comet Brooks 2											
Periodic Comet Shoemaker 4											

Periodic Comet Borrelly											
/1994l	1994 08 05.77587	03 56 46.42	-11 00 31.5	13.2 T	360	/1994m	1994 07 30.92575	02 19 02.72	+68 10 37.7	540	
/1994l	1994 08 05.77847	03 56 46.81	-11 00 30.1		360	/1994m	1994 07 30.92694	02 19 02.09	+68 10 37.1	540	
/1994l	1994 08 11.77904	04 11 45.73	-10 03 47.7	12.8 T	410	/1994m	1994 08 03.73003	01 54 25.16	+67 04 58.4	10.3 T 360	
/1994l	1994 08 11.78208	04 11 46.13	-10 03 46.0		410	/1994m	1994 08 03.73733	01 54 22.11	+67 04 49.3	360	
Comet Nakamura-Nishimura-Machholz (1994m)							/1994m	1994 08 05.67413	01 40 34.85	+66 18 56.0	10.9 T 410
/1994m	1994 07 12.65451	03 38 32.14	+70 01 32.1	11.5 T	372	/1994m	1994 08 05.67865	01 40 32.76	+66 18 48.7	410	
/1994m	1994 07 15.77153	03 28 33.94	+69 54 02.0	11 T	372	/1994m	1994 08 07.26744	01 28 38.02	+65 33 03.9	816	
/1994m	1994 07 16.93292	03 24 32.60	+69 50 29.8		587	/1994m	1994 08 07.29052	01 28 27.33	+65 32 20.6	816	
/1994m	1994 07 16.94226	03 24 30.75	+69 50 28.5		587	/1994m	1994 08 08.26595	01 20 53.38	+64 59 56.6	816	
/1994m	1994 07 16.96375	03 24 25.88	+69 50 25.4		596	/1994m	1994 08 08.26676	01 20 52.91	+64 59 55.0	816	
/1994m	1994 07 16.97797	03 24 22.81	+69 50 23.0		596	/1994m	1994 08 08.26823	01 20 52.25	+64 59 51.9	816	
/1994m	1994 07 16.99396	03 24 19.50	+69 50 20.0		596	/1994m	1994 08 10.40205	01 03 43.63	+63 35 35.6	657	
/1994m	1994 07 17.00694	03 24 16.83	+69 50 17.9		596	/1994m	1994 08 10.40205	01 03 43.63	+63 35 35.6	657	
/1994m	1994 07 17.25276	03 23 24.72	+69 49 31.2		816	/1994m	1994 08 10.40361	01 03 42.91	+63 35 30.0	657	
/1994m	1994 07 17.26050	03 23 23.03	+69 49 29.8		816	/1994m	1994 08 10.40530	01 03 42.07	+63 35 25.6	657	
/1994m	1994 07 17.26282	03 23 22.60	+69 49 29.2		816	/1994m	1994 08 14.89028	00 25 51.35	+59 20 33.5	970	
/1994m	1994 07 17.29963	03 23 14.73	+69 49 23.3		816	/1994m	1994 08 15.86593	00 17 27.95	+58 07 27.6	11.9 T 046	
/1994m	1994 07 17.30149	03 23 14.23	+69 49 22.9		816	/1994m	1994 08 15.87037	00 17 25.65	+58 07 06.8	046	
/1994m	1994 07 17.37141	03 22 59.13	+69 49 10.8		292	/1994m	1994 08 15.88446	00 17 18.33	+58 06 00.5	046	
/1994m	1994 07 17.42014	03 22 48.56	+69 48 58.8		657	/1994m	1994 08 15.89753	00 17 11.57	+58 04 59.5	046	
/1994m	1994 07 18.79316	03 17 44.33	+69 44 12.4	11 T	372	/1994m	1994 08 16.89914	00 08 35.20	+56 41 46.6	11.8 T 046	
/1994m	1994 07 19.45929	03 15 10.68	+69 41 35.0		657	/1994m	1994 08 16.90006	00 08 34.71	+56 41 42.1	046	
/1994m	1994 07 19.46030	03 15 10.23	+69 41 34.5		657	/1994m	1994 08 16.90086	00 08 34.31	+56 41 37.7	046	
/1994m	1994 07 19.46117	03 15 10.01	+69 41 34.2		657	/1994m	1994 08 16.96892	00 07 59.09	+56 35 42.3	104	
/1994m	1994 07 21.90682	03 05 11.45	+69 30 14.0	12.5 T	046	/1994m	1994 08 16.97061	00 07 58.21	+56 35 33.4	104	
/1994m	1994 07 21.91041	03 05 10.55	+69 30 12.7		046	/1994m	1994 08 16.97233	00 07 57.21	+56 35 25.5	104	
/1994m	1994 07 21.91385	03 05 09.69	+69 30 12.0		046	/1994m	1994 08 16.97347	00 07 56.63	+56 35 19.4	104	
/1994m	1994 07 21.91476	03 05 09.36	+69 30 11.7		046	/1994m	1994 08 16.97435	00 07 56.22	+56 35 14.8	104	
/1994m	1994 07 21.91685	03 05 08.85	+69 30 11.1		046	/1994m	1994 08 16.97435	00 07 56.22	+56 35 14.8	104	
/1994m	1994 07 22.87788	03 00 57.53	+69 24 53.0	12.3 T	046	/1994m	1994 08 16.97535	00 07 55.70	+56 35 09.5	104	
/1994m	1994 07 22.88090	03 00 56.69	+69 24 52.4		046	/1994m	1994 08 16.97535	00 07 55.70	+56 35 09.5	104	
/1994m	1994 07 22.88196	03 00 56.44	+69 24 51.9		046	/1994m	1994 08 18.87871	23 51 43.19	+53 31 07.3	12.0 T 046	
/1994m	1994 07 22.88420	03 00 55.85	+69 24 51.2		046	/1994m	1994 08 18.87953	23 51 42.79	+53 31 02.3	046	
/1994m	1994 07 22.94962	03 00 38.54	+69 24 29.4	10.5 T	540	/1994m	1994 08 18.88036	23 51 42.35	+53 30 57.0	046	
/1994m	1994 07 22.95125	03 00 38.05	+69 24 29.0		540	/1994m	1994 08 21.82303	23 27 23.29	+47 34 06.4	12.0 T 540	
/1994m	1994 07 22.95222	03 00 37.76	+69 24 28.4		540	/1994m	1994 08 21.82303	23 27 23.29	+47 34 06.4	540	
/1994m	1994 07 22.95328	03 00 37.46	+69 24 28.4		540	/1994m	1994 08 21.82438	23 27 22.58	+47 33 54.7	540	
/1994m	1994 07 23.91814	02 56 14.86	+69 18 31.8		540	/1994m	1994 08 21.82541	23 27 22.12	+47 33 46.2	540	
/1994m	1994 07 23.91914	02 56 14.40	+69 18 32.6		540	/1994m	1994 08 21.82703	23 27 21.46	+47 33 34.9	046	
/1994m	1994 07 23.92017	02 56 14.12	+69 18 32.6		540	/1994m	1994 08 21.82887	23 27 20.58	+47 33 20.0	046	
/1994m	1994 07 23.92123	02 56 14.11	+69 18 31.3		540	/1994m	1994 08 21.83086	23 27 19.60	+47 33 03.4	046	
/1994m	1994 07 28.92186	02 30 43.41	+68 35 36.4	12.6 T	046	/1994m	1994 08 22.90852	23 18 45.26	+44 58 09.1	11.2 T 046	
/1994m	1994 07 28.92277	02 30 43.10	+68 35 35.8		046	/1994m	1994 08 22.90934	23 18 44.86	+44 58 01.7	046	
/1994m	1994 07 28.92369	02 30 42.80	+68 35 35.2		046	/1994m	1994 08 22.91010	23 18 44.50	+44 57 54.5	046	
/1994m	1994 07 28.92582	02 30 42.07	+68 35 33.7		046	/1994m	1994 08 23.91524	23 10 57.20	+42 21 10.4	11.5 T 046	
/1994m	1994 07 29.83583	02 25 29.73	+68 24 50.1		540	/1994m	1994 08 23.91524	23 10 57.20	+42 21 10.4	11.5 T 046	
/1994m	1994 07 29.83719	02 25 29.51	+68 24 50.3		540	/1994n	1994 07 11.70208	21 35 22.58	-42 24 18.2	323	
/1994m	1994 07 29.83825	02 25 28.91	+68 24 49.5		540	/1994n	1994 07 15.72969	21 34 09.41	-42 49 58.1	16.4 T 360	
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/1994m	1994 07 30.92321	02 19 03.56	+68 10 40.2		540	/1994n	1994 07 16.71424	21 33 48.04	-42 56 01.6	16.5 T 372	
/1994m	1994 07 30.92456	02 19 02.97	+68 10 38.7		540	/1994n	1994 07 25.63317	21 29 35.36	-43 44 52.7	413	
Periodic Comet McNaught-Hartley											

/1994n	1994 07 25.63951	21 29 35.12	-43 44 54.5	413
/1994n	1994 07 26.82814	21 28 53.94	-43 50 26.9	413
/1994n	1994 07 29.53960	21 27 15.94	-44 02 11.6	413
/1994n	1994 08 10.59988	21 18 55.51	-44 34 06.0	413
/1994n	1994 08 10.67627	21 18 52.04	-44 34 09.6	413
/1994n	1994 08 15.63356	21 15 16.58	-44 36 04.6	413
/1994n	1994 08 15.63383	21 15 16.48	-44 36 04.6	413
/1994n	1994 08 15.63909	21 15 16.36	-44 36 04.4	413
/1994n	1994 08 16.67000	21 14 32.17	-44 35 35.2	413
/1994n	1994 08 16.67612	21 14 31.88	-44 35 34.6	413

Periodic Comet Machholz 2

/1994o	1994 08 13.80190	04 20 30.42	+62 37 18.1	897
/1994o	1994 08 13.80304	04 20 31.66	+62 37 18.1	897
/1994o	1994 08 13.80431	04 20 33.44	+62 37 18.6	1 897
/1994o	1994 08 13.80535	04 20 35.32	+62 37 11.6	1 897
/1994o	1994 08 14.28889	04 30 22.43	+62 21 23.8	657
/1994o	1994 08 14.62310	04 37 00.34	+62 09 26.3	897
/1994o	1994 08 14.62479	04 37 02.62	+62 09 20.3	897
/1994o	1994 08 14.63311	04 37 12.35	+62 09 03.2	897
/1994o	1994 08 15.55469	04 54 42.95	+61 30 10.7	897
/1994o	1994 08 15.56163	04 54 51.18	+61 29 53.3	897
/1994o	1994 08 15.57005	04 55 00.09	+61 29 29.6	897
/1994o	1994 08 15.58205	04 55 13.57	+61 28 59.5	897
/1994o	1994 08 15.84630	05 00 01.33	+61 16 23.1	14 T 046
/1994o	1994 08 15.84726	05 00 02.35	+61 16 18.8	046
/1994o	1994 08 15.84824	05 00 03.44	+61 16 15.8	046
/1994o	1994 08 15.91416	05 01 15.33	+61 13 08.6	557
/1994o	1994 08 15.92086	05 01 22.71	+61 12 49.7	557
/1994o	1994 08 15.92351	05 01 25.63	+61 12 42.2	11.2 T 557
/1994o	1994 08 15.92888	05 01 31.39	+61 12 26.7	16.0 N 557
/1994o	1994 08 15.93006	05 01 32.62	+61 12 23.3	557
/1994o	1994 08 16.87948	05 17 57.76	+60 22 30.3	13 T 046
/1994o	1994 08 16.88062	05 17 59.05	+60 22 26.3	046
/1994o	1994 08 16.88182	05 18 00.40	+60 22 22.0	046
/1994o	1994 08 16.89781	05 18 16.06	+60 21 30.7	557
/1994o	1994 08 16.90134	05 18 19.93	+60 21 19.5	557
/1994o	1994 08 16.90307	05 18 21.80	+60 21 13.4	557
/1994o	1994 08 16.90975	05 18 28.62	+60 20 50.8	557
/1994o	1994 08 16.91120	05 18 29.99	+60 20 46.5	557
/1994o	1994 08 16.98510	05 19 44.39	+60 16 43.0	104
/1994o	1994 08 16.98668	05 19 45.87	+60 16 38.3	104
/1994o	1994 08 16.98792	05 19 47.13	+60 16 34.2	104
/1994o	1994 08 16.98956	05 19 48.84	+60 16 28.2	104
/1994o	1994 08 16.99141	05 19 50.47	+60 16 22.7	104
/1994o	1994 08 16.99245	05 19 51.69	+60 16 19.3	104
/1994o	1994 08 18.86313	05 48 27.00	+58 21 08.0	12.0 T 046
/1994o	1994 08 18.86565	05 48 29.13	+58 20 57.8	046
/1994o	1994 08 18.86676	05 48 30.05	+58 20 53.3	046
/1994o	1994 08 18.86779	05 48 30.91	+58 20 50.0	046
/1994o	1994 08 20.88212	06 14 32.83	+56 01 28.8	046
/1994o	1994 08 20.88481	06 14 34.83	+56 01 16.6	046
/1994o	1994 08 20.88631	06 14 35.78	+56 01 11.0	046

/1994o	1994 08 21.83504	06 25 19.56	+54 52 12.7	11.7 T 540
/1994o	1994 08 21.83627	06 25 20.41	+54 52 07.1	540
/1994o	1994 08 21.83744	06 25 21.29	+54 52 01.4	540
/1994o	1994 08 21.89639	06 26 00.34	+54 47 42.9	046
/1994o	1994 08 21.89883	06 26 01.90	+54 47 32.5	046
/1994o	1994 08 21.89970	06 26 02.55	+54 47 28.6	046
/1994o	1994 08 22.91689	06 36 33.82	+53 32 08.2	10.5 T 046
/1994o	1994 08 22.91922	06 36 35.23	+53 31 57.9	046
/1994o	1994 08 22.92057	06 36 36.04	+53 31 52.2	046
/1994o	1994 08 23.92488	06 46 07.65	+52 16 46.8	10.3 T 046
/1994o	1994 08 23.92682	06 46 08.74	+52 16 37.9	046
/1994o	1994 08 23.92759	06 46 09.14	+52 16 34.8	046
/1994o	1994 08 24.92910	06 54 53.93	+51 01 27.9	046

1: poor image. P-W: various nuclei, counted east-west, in the notation of Sekanina *et al.* (1994, *Astron. Astrophys.*, to be published), correlating with that of Jewitt *et al.* (1993, *Bull. Am. Astron. Soc.* **25**, 1042) as P = P_{2a} = 8 = 8b₁, Q = Q₁ = 7 = 7a, R = 6, S = 5, W = 1 (the subscripted and suffixed designations referring to members of nuclear pairs not separable in the 1993 March-July data).

OBSERVATIONS OF MINOR PLANETS

The observations are listed separately for each observatory code. Alphabetic note codes shown with some of the observations are defined according to the scheme below. Numeric codes are defined in the headings for the individual observatories.

- A earlier approximate position inferior
- a sense of motion ambiguous
- B black or dark plate
- b bad seeing
- C correction to earlier position
- c crowded star field
- D declination uncertain
- d diffuse image
- E at or near edge of plate
- F faint image
- f involved with emulsion or plate flaw
- G poor guiding
- g no guiding
- I involved with star
- i inkdot measured
- J J2000.0 rereduction of previously-reported position
- M measurement difficult
- N near edge of plate, measurement uncertain
- O image out of focus
- o plate measured in one direction only
- P position uncertain
- p poor image
- R right ascension uncertain
- r poor distribution of reference stars
- S poor sky
- s streaked image
- T time uncertain

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.						
t	trailed image											
U	uncertain image											
u	unconfirmed image											
V	very faint image											
W	weak image											
w	weak solution											
026 Zimmerwald												
P. Wild, Astronomisches Institut der Universität, Sidlerstrasse 5, CH-3012 Berne, Switzerland [schild@ubeclu.unibe.ch]												
Observers P. Wild, T. Schildknecht												
Measurers P. Wild, U. Hugentobler												
0.4-m Schmidt telescope												
PPM												
(29)	1992 01	01.85069	06 54 33.21	+32 50 42.2		026	1976 DJ ₁	1993 05 24.89514	13 20 11.95	-00 09 25.7	18.5	033
(29)	1992 02	01.91528	06 25 26.02	+32 01 14.0		026	1976 DJ ₁	1993 05 24.95000	13 20 11.11	-00 09 26.9		033
(141)	1992 02	01.91528	06 27 10.60	+32 20 26.5	12.5	026	1987 ST ₁₇	1994 07 10.91632	18 12 50.17	-11 03 02.7		033
(673)	1993 10	09.91806	23 37 20.95	+00 52 02.2		026	1987 ST ₁₇	1994 07 10.96528	18 12 47.44	-11 02 59.6	17.7	033
(673)	1993 10	10.94583	23 36 43.14	+00 46 37.4	14.5	026	1987 ST ₁₇	1994 07 11.94861	18 11 53.62	-11 02 14.9		033
(673)	1993 10	11.88576	23 36 09.53	+00 41 45.9		026	1987 WV ₁	1992 03 30.92708	12 11 32.55	-00 00 10.5	19.2	033
(675)	1991 10	02.90833	22 59 19.19	+11 09 34.5	11.5	026	1987 WV ₁	1992 03 31.00347	12 11 27.97	+00 00 18.0		033
(785)	1992 01	01.85069	06 51 41.40	+32 51 38.8	13	026	1987 WV ₁	1992 04 02.97500	12 08 41.18	+00 18 49.6		033
(1259)	1991 11	10.93125	03 37 33.40	+18 11 13.7	15.5	026	1987 WV ₁	1992 04 03.92917	12 07 48.87	+00 24 38.0		033
(1638)	1991 11	10.93125	03 42 43.98	+19 27 51.6	16	026	1989 AF ₇	1992 08 05.05278	00 30 30.49	+03 04 02.8		V 033
(1709)	1991 08	15.95764	21 12 54.82	-10 18 57.3	14.5	026	1989 AF ₇	1992 08 06.04306	00 30 25.27	+03 03 19.1	20.2	033
(1866)	1993 11	13.08403	09 54 58.48	+45 29 42.3		026	1989 HG	1993 04 20.97569	13 44 21.46	-02 52 18.2		E 033
(1892)	1992 01	31.86806	06 48 00.53	+32 02 29.0	15.5	026	1989 HG	1993 04 21.93542	13 43 39.59	-02 40 44.9	17.8	E 033
(1961)	1990 09	18.93819	00 42 05.07	+00 06 49.8	15.5	026	1989 HG	1993 04 21.99514	13 43 36.85	-02 40 03.7		E 033
(1961)	1992 01	01.85069	06 48 50.84	+32 30 47.4	15	026	1990 TJ ₂	1994 06 14.97917	18 37 56.07	-12 26 56.2	18.5	033
(1961)	1992 02	01.91528	06 24 04.54	+32 29 50.2	15.5	026	1990 TJ ₂	1994 06 15.01146	18 37 54.49	-12 26 52.3		033
(2152)	1991 01	18.96042	07 56 27.36	+04 48 42.0	15	026	1990 TJ ₂	1994 07 10.91632	18 17 26.33	-12 09 27.6		033
(2152)	1991 02	04.84167	07 42 33.60	+05 04 59.4	15	026	1990 TJ ₂	1994 07 10.96528	18 17 24.11	-12 09 28.0	18.5	033
(2337)	1993 12	03.82917	04 35 37.32	+37 18 02.5	15	026	1992 FF	1994 07 11.94861	18 16 39.95	-12 09 44.4		V 033
(2867)	1991 11	10.93125	03 40 54.16	+18 57 17.5	16	026	1992 FF	1992 03 30.92708	12 17 34.93	+00 33 07.9	16.6	E 033
(2867)	1991 12	13.96285	03 06 32.92	+19 12 20.8	16.5	026	1992 FF	1992 03 31.00347	12 17 31.55	+00 33 27.1		033
(3289)	1991 11	10.93125	03 31 07.59	+19 22 43.1	15.5	026	1992 FG	1992 03 30.92708	12 16 05.96	+00 08 40.9	17.0	I 033
(3289)	1991 12	13.96285	03 05 07.52	+18 32 29.3	16	026	1992 FG	1992 03 31.00347	12 16 00.80	+00 08 52.7		033
(4215)	1991 11	10.93125	03 32 56.27	+21 36 01.8	16	026	1992 FG	1992 04 02.97500	12 12 48.98	+00 16 42.4		033
(4215)	1991 12	13.96285	03 03 38.34	+18 16 43.1	16.5	026	1992 FG	1992 04 03.92917	12 11 48.31	+00 19 05.2		033
							1992 FL ₃	1992 03 30.92708	12 17 28.07	+00 08 44.5	19.3	E 033
							1992 FL ₃	1992 03 31.00347	12 17 24.58	+00 09 09.2		033
							1992 FM ₃	1992 03 30.92708	12 17 45.74	-00 35 53.9	18.9	E 033
							1992 FM ₃	1992 03 31.00347	12 17 42.00	-00 35 40.4		033
							1992 FN ₃	* 1992 03 30.92708	12 07 04.36	-00 02 14.8	19.0	033
							1992 FN ₃	1992 03 31.00347	12 07 00.40	-00 01 32.3		033
							1992 FN ₃	1992 04 02.97500	12 04 38.08	+00 25 35.8		033
							1992 FN ₃	1992 04 03.92917	12 03 53.77	+00 34 05.2		033
							1992 FO ₃	* 1992 03 30.92708	12 11 41.22	-01 12 37.4	18.6	033
							1992 FO ₃	1992 03 31.00347	12 11 36.61	-01 12 05.6		033
							1992 FO ₃	1992 04 02.97500	12 08 46.64	-00 51 33.4		033
							1992 FO ₃	1992 04 03.92917	12 07 53.37	-00 45 06.4		033
							1992 FP ₃	* 1992 03 30.92708	12 11 52.13	+01 14 11.8	16.7	033
							1992 FP ₃	1992 03 31.00347	12 11 47.67	+01 14 36.3		033
							1992 FP ₃	1992 04 02.97500	12 09 02.88	+01 30 10.7		033
							1992 FP ₃	1992 04 03.92917	12 08 10.88	+01 35 02.0		033
							1992 FQ ₃	* 1992 03 30.92708	12 12 42.78	+00 49 56.8	18.3	033
							1992 FQ ₃	1992 03 31.00347	12 12 38.21	+00 50 20.3		033
							1992 FQ ₃	1992 04 02.97500	12 09 49.21	+01 05 32.6		033
							1992 FQ ₃	1992 04 03.92917	12 08 55.88	+01 10 16.1		033
1976 DJ ₁	1993 04	20.97569	13 36 13.49	-01 00 28.0		033	1992 FR ₃	* 1992 03 30.92708	12 12 57.43	+00 42 52.4	17.0	033
1976 DJ ₁	1993 04	21.93542	13 35 37.51	-00 57 20.0	18.3	033	1992 FR ₃	1992 03 31.00347	12 12 53.43	+00 44 44.4		033
1976 DJ ₁	1993 04	21.99514	13 35 35.20	-00 57 09.0		033	1992 FR ₃	1992 04 02.97500	12 10 30.16	+01 56 34.1		E 033
1976 DJ ₁	1993 04	23.97778	13 34 21.57	-00 50 55.8		033	1992 FS ₃	* 1992 03 30.92708	12 13 24.98	+00 56 53.7	18.8	033
1976 DJ ₁	1993 04	26.95347	13 32 33.31	-00 42 16.9		033	1992 FS ₃	1992 03 31.00347	12 13 20.49	+00 57 13.4		033
1976 DJ ₁	1993 04	27.97243	13 31 57.02	-00 39 31.1		033	1992 FS ₃	1992 04 02.97500	12 10 36.06	+01 09 52.6		033
1976 DJ ₁	1993 04	28.97535	13 31 21.71	-00 36 52.0		V 033	1992 FS ₃	1992 04 03.92917	12 09 44.54	+01 13 45.4		V 033

1992 FT ₃	* 1992 03 30.92708	12 17 05.44	-00 35 13.7	19.2	033	(4193)	1992 08 06.04306	00 32 05.31	+01 33 59.9	17.9	033
1992 FT ₃	1992 03 31.00347	12 17 01.86	-00 34 48.6		033	(4848)	1993 04 20.97569	13 38 59.06	-00 56 31.9		033
1992 FU ₃	* 1992 03 30.92708	12 17 43.87	+01 03 18.6	17.9	E 033	(4848)	1993 04 21.93542	13 38 17.83	-00 52 30.0	18.0	033
1992 FU ₃	1992 03 31.00347	12 17 40.47	+01 03 38.6		033	(4848)	1993 04 21.99514	13 38 15.17	-00 52 15.2		033
1992 PW ₆	* 1992 08 05.05278	00 24 15.78	+03 08 13.4		033	(4848)	1993 04 23.97778	13 36 50.70	-00 44 12.4		033
1992 PW ₆	1992 08 06.04306	00 24 14.23	+03 10 09.3	20.3	033	(4848)	1993 04 26.95347	13 34 46.54	-00 32 53.4		033
1992 RZ	1992 08 05.05278	00 30 16.78	+04 33 31.0		033	(4848)	1993 04 27.97243	13 34 04.88	-00 29 13.4		033
1992 RZ	1992 08 06.04306	00 30 16.29	+04 33 56.5	19.4	033	(4848)	1993 04 28.97535	13 33 24.40	-00 25 44.8		F 033
1992 SY ₂₄	1992 08 03.07188	00 33 16.31	+03 24 56.2		F 033	(5037)	1993 04 20.97569	13 35 20.96	-01 34 30.3		033
1992 SY ₂₄	1992 08 05.05278	00 33 19.02	+03 32 33.8		033	(5037)	1993 04 21.93542	13 34 29.33	-01 27 32.7	17.9	033
1992 SY ₂₄	1992 08 06.04306	00 33 18.24	+03 36 13.5	19.3	033	(5037)	1993 04 21.99514	13 34 26.06	-01 27 07.4		033
1993 GD ₁	1993 04 20.97569	13 33 09.47	-00 09 19.2		033	(5037)	1993 04 23.97778	13 32 40.89	-01 13 12.9		033
1993 GD ₁	1993 04 21.93542	13 32 10.74	-00 06 55.3	17.6	033	(5037)	1993 04 26.95347	13 30 08.08	-00 53 38.2		033
1993 GD ₁	1993 04 21.99514	13 32 06.96	-00 06 47.0		033	(5037)	1993 04 27.97243	13 29 17.33	-00 47 17.3		033
1993 GD ₁	1993 04 23.97778	13 30 06.68	-00 02 22.2		033	(5037)	1993 04 28.97535	13 28 28.33	-00 41 15.4		F 033
1994 ND ₁	1994 06 14.97917	18 33 50.89	-12 11 14.9	17.2	033	(5893)	1992 08 05.05278	00 32 40.86	+03 44 39.9		033
1994 ND ₁	1994 06 15.01146	18 33 49.41	-12 11 08.2		033	(5893)	1992 08 06.04306	00 32 42.55	+03 40 43.2	19.2	033
1994 ND ₁	* 1994 07 10.91632	18 13 50.32	-11 14 10.7		033						
1994 ND ₁	1994 07 10.96528	18 13 48.23	-11 14 08.2	17.2	033						
1994 ND ₁	1994 07 11.94861	18 13 06.42	-11 13 23.2		033						
1994 NE ₁	* 1994 07 10.91632	18 15 52.11	-12 34 46.4		033						
1994 NE ₁	1994 07 10.96528	18 15 49.39	-12 34 49.1	18.1	033						
1994 NE ₁	1994 07 11.94861	18 14 54.11	-12 35 51.8		033						
4837 P-L	1992 03 30.92708	12 11 24.54	-01 11 50.7	18.2	033						
4837 P-L	1992 03 31.00347	12 11 21.04	-01 11 29.9		033						
4837 P-L	1992 04 02.97500	12 09 12.91	-00 58 06.0		033						
4837 P-L	1992 04 03.92917	12 08 32.75	-00 53 54.0		033						
(485)	1993 05 24.89514	13 26 11.59	-01 27 15.0	14.0	r 033		1979 TA	1994 07 30.96861	20 30 02.64	-18 39 29.8	16.9 R 046
(485)	1993 05 24.95000	13 26 10.76	-01 27 04.0		r 033		1979 TA	1994 07 30.97145	20 30 02.50	-18 39 30.3	046
(822)	1992 07 30.01806	00 23 45.47	+03 21 05.9		033		1979 TA	1994 07 30.97251	20 30 02.47	-18 39 30.7	046
(822)	1992 08 03.07188	00 24 36.02	+03 26 52.9		033		1979 TA	1994 08 04.99634	20 25 11.84	-18 47 06.8	16.9 R 046
(822)	1992 08 05.05278	00 24 51.41	+03 28 41.6		033		1979 TA	1994 08 04.99888	20 25 11.69	-18 47 07.1	046
(822)	1992 08 06.04306	00 24 56.77	+03 29 20.4	17.7	033		1979 TA	1994 08 05.00100	20 25 11.59	-18 47 07.2	046
(1100)	1992 08 03.07188	00 23 29.30	+03 35 44.6		033		1980 CR	1994 07 31.04145	22 11 29.35	-10 52 15.0	17.0 R 046
(1100)	1992 08 05.05278	00 23 31.23	+03 37 07.9		033		1980 CR	1994 07 31.04514	22 11 29.19	-10 52 16.6	046
(1100)	1992 08 06.04306	00 23 30.15	+03 37 36.6	17.2	033		1980 CR	1994 07 31.04843	22 11 29.09	-10 52 18.3	046
(2093)	1992 08 03.07188	00 33 11.51	+01 56 40.2		033		1980 CR	1994 08 05.06201	22 07 55.44	-11 28 34.1	16.7 R 046
(2093)	1992 08 05.05278	00 33 39.25	+01 51 22.8		033		1980 CR	1994 08 05.06488	22 07 55.30	-11 28 35.3	046
(2093)	1992 08 06.04306	00 33 50.42	+01 48 23.2	17.8	033		1980 CR	1994 08 05.06615	22 07 55.22	-11 28 35.4	046
(2487)	1992 07 30.01806	00 32 02.60	+03 01 12.7		033		1980 CR	1994 08 15.95569	21 59 12.26	-12 52 12.7	17.0 R r 046
(2487)	1992 08 05.05278	00 35 03.03	+03 30 29.2		033		1980 CR	1994 08 15.95795	21 59 12.16	-12 52 14.0	r 046
(2487)	1992 08 06.04306	00 35 26.92	+03 34 46.0	17.0	033		1980 CR	1994 08 15.95922	21 59 12.08	-12 52 14.6	r 046
(2551)	1992 07 30.01806	00 31 09.42	+03 01 10.7		033		1980 DX	1994 08 15.95922	21 59 12.08	-12 52 14.6	r 046
(2551)	1992 08 03.07188	00 32 02.99	+03 07 18.7		033		1980 DX	1994 07 30.97914	20 44 18.45	-10 03 08.6	16.3 R 046
(2551)	1992 08 05.05278	00 32 21.43	+03 09 29.4		033		1980 DX	1994 07 30.98104	20 44 18.36	-10 03 09.7	046
(2551)	1992 08 06.04306	00 32 28.66	+03 10 22.5	18.4	033		1980 DX	1994 07 30.98191	20 44 18.31	-10 03 10.2	046
(4144)	1992 08 03.07188	00 28 37.74	+03 16 28.9		033		1980 DX	1994 08 05.00522	20 40 12.94	-10 43 05.8	16.4 R 046
(4144)	1992 08 05.05278	00 28 44.92	+03 12 12.4		033		1980 DX	1994 08 05.00860	20 40 12.79	-10 43 07.8	046
(4144)	1992 08 06.04306	00 28 46.70	+03 09 51.4	18.6	033		1980 DX	1994 08 05.01612	20 40 12.41	-10 43 11.0	046
(4193)	1992 07 30.01806	00 30 28.33	+01 31 45.4		033		1982 BP ₂	1994 08 15.90719	20 31 52.39	-12 13 24.7	16.8 R 046
(4193)	1992 08 03.07188	00 31 32.39	+01 33 57.1		033		1982 BP ₂	1994 08 15.91052	20 31 52.25	-12 13 26.5	046
(4193)	1992 08 05.05278	00 31 55.71	+01 34 08.2		033		1982 BP ₂	1994 08 15.91226	20 31 52.16	-12 13 27.1	046
							1982 BP ₂	1994 08 05.03083	21 16 11.50	-11 53 45.8	18.1 R 046
							1982 BP ₂	1994 08 05.03494	21 16 11.31	-11 53 44.9	046
							1982 BP ₂	1994 08 05.03752	21 16 11.11	-11 53 46.0	046

046 Kleť

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Observers J. Tichá, Z. Moravec, M. Tichý, Z. Vávrová

Measurers Z. Moravec, J. Tichá, M. Tichý

0.57-m reflector + CCD, 0.63-m reflector

GSC, PPM

1982 BP ₂	1994 08 06.02802	21 15 12.49	-11 57 42.0	17.0 R	046	(1021)	1994 07 28.89853	20 00 02.40	-22 45 59.8		046
1982 BP ₂	1994 08 06.03203	21 15 12.21	-11 57 42.9		046	(1021)	1994 07 29.91713	19 59 03.72	-22 54 39.7	13.3 R	046
1982 BP ₂	1994 08 06.03478	21 15 12.04	-11 57 43.5		046	(1021)	1994 07 29.92038	19 59 03.53	-22 54 41.9		046
1985 CJ ₁	1994 08 15.94598	21 57 42.81	-19 06 09.9	17.7 R	046	(1021)	1994 07 29.92137	19 59 03.48	-22 54 42.1		046
1985 CJ ₁	1994 08 15.95060	21 57 42.54	-19 06 11.4		046	(1403)	1994 07 28.88361	17 49 37.36	-09 52 50.4	15.5 R	046
1985 CJ ₁	1994 08 15.95183	21 57 42.44	-19 06 12.0		046	(1403)	1994 07 28.88619	17 49 37.30	-09 52 51.5		046
1986 UO	1994 08 05.04078	21 17 36.72	-20 50 03.0	16.9 R	046	(1403)	1994 07 28.88785	17 49 37.26	-09 52 52.1		046
1986 UO	1994 08 05.04499	21 17 36.49	-20 50 04.0		046	(2005)	1994 08 07.92242	21 11 13.12	-06 55 53.9	16.0 R	046
1986 UO	1994 08 05.04922	21 17 36.26	-20 50 03.9		046	(2005)	1994 08 07.92461	21 11 12.99	-06 55 53.9		046
1986 UO	1994 08 06.03939	21 16 44.63	-20 53 11.7	16.9 R	046	(2005)	1994 08 07.92572	21 11 12.91	-06 55 53.8		046
1986 UO	1994 08 06.04317	21 16 44.42	-20 53 12.7		046	(2628)	1994 08 06.02361	21 06 48.39	-14 21 37.5		046
1986 UO	1994 08 06.04545	21 16 44.25	-20 53 12.8		046	(2628)	1994 08 06.04236	21 06 47.51	-14 21 42.7	U	046
1987 HE ₁	1994 08 05.05638	22 00 59.61	-08 32 14.9	16.1 R	046	(2728)	1994 07 30.88819	20 40 03.75	-13 16 51.4		046
1987 HE ₁	1994 08 05.05767	22 00 59.52	-08 32 15.7		046	(2728)	1994 07 30.90764	20 40 02.74	-13 16 56.3		046
1987 HE ₁	1994 08 05.05891	22 00 59.47	-08 32 16.4		046	(2937)	1994 07 13.96714	17 01 48.62	-15 56 08.5	16.7 R	046
1987 HE ₁	1994 08 06.06012	22 00 11.73	-08 40 24.8	16.0 R	046	(2937)	1994 07 13.96985	17 01 48.49	-15 56 05.3		046
1987 HE ₁	1994 08 06.06133	22 00 11.67	-08 40 25.5		046	(2937)	1994 07 13.97161	17 01 48.42	-15 56 04.2		046
1987 HE ₁	1994 08 06.06242	22 00 11.60	-08 40 26.2		046						
1988 TJ ₂	1994 08 06.00321	20 51 11.40	-26 32 01.1	17.1 R	046						
1988 TJ ₂	1994 08 06.00443	20 51 11.29	-26 32 01.7		I 046						
1988 TJ ₂	1994 08 06.00543	20 51 11.19	-26 32 01.4		I 046						
1988 TJ ₂	1994 08 07.90144	20 49 01.28	-26 35 13.5	17.2 R	046						
1988 TJ ₂	1994 08 07.90730	20 49 00.95	-26 35 15.1		046						
1988 TJ ₂	1994 08 07.91529	20 49 00.32	-26 35 15.7		046						
1991 BM ₂	1994 08 15.96279	22 43 22.11	-08 37 53.0	18.6 R	F 046	1990 TR ₁₂	1994 07 31.87882	19 46 12.84	-07 52 44.5		104
1991 BM ₂	1994 08 15.96626	22 43 22.01	-08 37 53.5		F 046	1990 TR ₁₂	1994 07 31.88472	19 46 12.54	-07 52 45.2		104
1991 BM ₂	1994 08 15.96756	22 43 21.91	-08 37 55.2		F 046	1990 TR ₁₂	1994 07 31.88785	19 46 12.38	-07 52 45.7		104
1994 OA	1994 08 04.98644	20 05 01.01	-25 25 51.5	17.0 R	046	1990 TR ₁₂	1994 08 04.88264	19 43 13.58	-07 59 30.1		104
1994 OA	1994 08 04.98896	20 05 00.65	-25 25 47.6		046	1990 TR ₁₂	1994 08 04.88628	19 43 13.40	-07 59 30.3		104
1994 OA	1994 08 04.99030	20 05 00.48	-25 25 46.5		046	1990 TR ₁₂	1994 08 04.88958	19 43 13.21	-07 59 30.5		104
1994 OA	1994 08 05.99330	20 02 46.08	-25 03 15.5	16.6 R	046	1993 FH ₂₄	1994 07 31.85278	19 47 43.82	-12 49 58.3		104
1994 OA	1994 08 05.99450	20 02 45.91	-25 03 14.7		046	1993 FH ₂₄	1994 07 31.85625	19 47 43.65	-12 49 58.9		104
1994 OA	1994 08 05.99579	20 02 45.72	-25 03 12.3		046	1993 FH ₂₄	1994 07 31.85972	19 47 43.47	-12 49 59.7		104
(205)	1994 08 05.94132	20 50 18.27	-00 35 27.0		046	1994 CB	1994 08 04.84942	20 53 05.84	-08 38 43.9		104
(205)	1994 08 05.95868	20 50 17.41	-00 35 31.6		046	1994 CB	1994 08 04.85208	20 53 04.48	-08 38 08.0		104
(225)	1994 07 28.86347	14 54 49.13	+01 21 17.9	14.6 R	046	1994 CB	1994 08 04.85532	20 53 02.90	-08 37 24.2		104
(225)	1994 07 28.86457	14 54 49.17	+01 21 17.8		046	1994 CB	1994 08 04.85764	20 53 01.69	-08 36 51.6		104
(225)	1994 07 28.86553	14 54 49.21	+01 21 17.5		046	1994 CB	1994 08 07.82917	20 32 56.70	+01 18 05.4		104
(472)	1994 07 28.87179	17 38 55.68	-12 12 03.0	13.2 R	046	1994 CB	1994 08 07.83264	20 32 55.32	+01 18 44.9		104
(472)	1994 07 28.87503	17 38 55.60	-12 12 04.5		046	1994 CB	1994 08 07.83657	20 32 53.92	+01 19 23.7		104
(472)	1994 07 28.87709	17 38 55.54	-12 12 05.5		046	1994 LW	1994 08 02.85086	16 37 45.06	+33 51 06.4		104
(472)	1994 07 29.90160	17 38 29.36	-12 19 23.9	13.4 R	046	1994 LW	1994 08 02.85417	16 37 45.54	+33 51 10.8		104
(472)	1994 07 29.90420	17 38 29.30	-12 19 25.0		046	1994 LW	1994 08 02.85787	16 37 46.07	+33 51 12.1		104
(472)	1994 07 29.90520	17 38 29.27	-12 19 25.5		046	1994 PA	* 1994 08 03.04907	22 02 28.90	-00 58 37.5	17.5	104
(526)	1994 08 06.02361	21 06 20.38	-16 22 13.6		046	1994 PA	1994 08 03.05417	22 02 28.58	-00 58 39.3		104
(526)	1994 08 06.04236	21 06 19.64	-16 22 15.8		046	1994 PA	1994 08 03.05868	22 02 28.29	-00 58 38.6		104
(572)	1994 08 05.98171	21 01 08.41	+00 13 54.0		046	1994 PA	1994 08 03.07005	22 02 27.71	-00 58 39.8		104
(572)	1994 08 05.99907	21 01 07.46	+00 13 48.2	I	046	1994 PA	1994 08 03.89549	22 01 45.78	-01 00 00.5		104
(969)	1994 08 06.02361	21 07 39.20	-14 31 47.3		046	1994 PA	1994 08 03.90035	22 01 45.46	-01 00 00.6		104
(969)	1994 08 06.04236	21 07 38.13	-14 31 50.2		046	1994 PA	1994 08 03.91172	22 01 44.81	-01 00 01.3		104
(1021)	1994 07 28.89524	20 00 02.58	-22 45 58.1	13.2 R	046	1994 PA	1994 08 04.04410	22 01 37.70	-01 00 14.4		104
(1021)	1994 07 28.89763	20 00 02.44	-22 45 59.2		046	1994 PA	1994 08 04.04954	22 01 37.53	-01 00 17.1		104
						1994 PA	1994 08 04.11071	22 01 34.17	-01 00 23.0		104

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Observers L. Tesi, G. Cattani, A. Boattini, M. Tombelli

0.4-m $f/5$ reflector + CCD

GSC

1994 PA	1994 08 04.11458	22 01 33.96	-01 00 23.2	104	1994 PE	1994 08 11.87465	22 17 35.63	-01 55 16.0	104
1994 PA	1994 08 04.11840	22 01 33.81	-01 00 23.6	104	1994 PE	1994 08 11.88281	22 17 35.27	-01 55 16.5	104
1994 PA	1994 08 05.94230	21 59 57.76	-01 03 59.2	104	1994 PE	1994 08 14.98050	22 15 09.60	-01 57 02.9	104
1994 PA	1994 08 05.94699	21 59 57.37	-01 03 59.4	104	1994 PE	1994 08 14.98223	22 15 09.51	-01 57 03.8	104
1994 PA	1994 08 05.95168	21 59 57.06	-01 03 59.8	104	1994 PE	1994 08 14.98611	22 15 09.29	-01 57 04.1	104
1994 PA	1994 08 06.95903	21 59 02.33	-01 06 17.0	104	1994 PE	1994 08 14.99176	22 15 09.03	-01 57 05.3	104
1994 PA	1994 08 06.96319	21 59 02.19	-01 06 17.5	104	1994 PF	* 1994 08 05.96713	22 22 02.00	-01 54 11.2	18.5 104
1994 PA	1994 08 06.96736	21 59 01.88	-01 06 17.9	104	1994 PF	1994 08 05.97431	22 22 01.51	-01 54 13.8	104
1994 PA	1994 08 10.95035	21 55 17.20	-01 17 17.6	104	1994 PF	1994 08 06.02850	22 21 58.78	-01 54 20.9	104
1994 PA	1994 08 10.96493	21 55 16.31	-01 17 19.4	104	1994 PF	1994 08 06.98438	22 21 12.34	-01 56 53.6	104
1994 PA	1994 08 10.96626	21 55 16.25	-01 17 19.6	104	1994 PF	1994 08 06.98831	22 21 12.17	-01 56 56.6	104
1994 PA	1994 08 10.96765	21 55 16.14	-01 17 19.8	104	1994 PF	1994 08 06.99201	22 21 12.00	-01 56 56.4	104
1994 PA	1994 08 15.01597	21 51 17.58	-01 31 29.7	104	1994 PF	1994 08 07.03542	22 21 09.81	-01 57 03.6	104
1994 PA	1994 08 15.01902	21 51 17.45	-01 31 29.9	104	1994 PF	1994 08 07.04156	22 21 09.33	-01 57 03.5	104
1994 PA	1994 08 15.02332	21 51 17.17	-01 31 31.1	104	1994 PF	1994 08 11.04541	22 17 43.04	-02 09 53.4	19.0 104
1994 PB	* 1994 08 03.04907	22 02 38.22	-00 56 39.0	17.0 104	1994 PF	1994 08 11.05000	22 17 42.83	-02 09 54.2	104
1994 PB	1994 08 03.05417	22 02 38.04	-00 56 41.0	104	1994 PF	1994 08 11.07486	22 17 41.42	-02 10 00.4	104
1994 PB	1994 08 03.05868	22 02 37.76	-00 56 40.2	104	1994 PF	1994 08 11.08042	22 17 41.02	-02 10 01.1	104
1994 PB	1994 08 03.07005	22 02 37.39	-00 56 41.7	104	1994 PF	1994 08 11.84236	22 17 00.55	-02 12 49.4	18.0 104
1994 PB	1994 08 03.11597	22 02 35.45	-00 56 46.1	104	1994 PF	1994 08 11.84595	22 17 00.36	-02 12 49.9	104
1994 PB	1994 08 03.89549	22 02 05.33	-00 58 27.5	104	1994 PF	1994 08 11.84942	22 17 00.19	-02 12 50.7	104
1994 PB	1994 08 03.90035	22 02 05.10	-00 58 28.5	104	1994 PF	1994 08 11.85648	22 16 59.81	-02 12 52.1	104
1994 PB	1994 08 03.91172	22 02 04.74	-00 58 32.1	104	1994 PF	1994 08 14.99652	22 14 05.78	-02 25 34.4	104
1994 PB	1994 08 04.04410	22 01 59.29	-00 58 47.1	104	1994 PF	1994 08 15.00214	22 14 05.51	-02 25 35.1	104
1994 PB	1994 08 04.04954	22 01 59.10	-00 58 49.3	104	1994 PF	1994 08 15.00556	22 14 05.29	-02 25 37.4	104
1994 PB	1994 08 04.11071	22 01 56.68	-00 58 57.4	104	1994 PG	* 1994 08 06.03929	22 53 17.19	-04 51 49.5	17.5 104
1994 PB	1994 08 04.11458	22 01 56.48	-00 58 57.6	104	1994 PG	1994 08 06.04410	22 53 17.14	-04 51 51.9	104
1994 PB	1994 08 04.11840	22 01 56.31	-00 58 58.0	104	1994 PG	1994 08 06.04931	22 53 16.84	-04 51 54.7	104
1994 PB	1994 08 05.94230	22 00 43.56	-01 03 17.2	104	1994 PG	1994 08 06.05764	22 53 16.67	-04 51 58.4	104
1994 PB	1994 08 05.94699	22 00 43.17	-01 03 19.8	104	1994 PG	1994 08 07.01053	22 52 44.35	-04 59 29.1	104
1994 PB	1994 08 05.95168	22 00 42.90	-01 03 21.5	104	1994 PG	1994 08 07.01458	22 52 44.22	-04 59 31.8	104
1994 PB	1994 08 06.93692	22 00 02.80	-01 05 49.5	104	1994 PG	1994 08 07.01991	22 52 44.04	-04 59 34.4	104
1994 PB	1994 08 06.94236	22 00 02.64	-01 05 51.1	104	1994 PG	1994 08 10.98446	22 50 18.05	-05 32 26.9	17.5 104
1994 PB	1994 08 06.94803	22 00 02.43	-01 05 51.8	104	1994 PG	1994 08 10.98921	22 50 17.91	-05 32 31.1	104
1994 PB	1994 08 10.95874	21 57 12.62	-01 17 22.5	104	1994 PG	1994 08 10.99462	22 50 17.59	-05 32 33.6	104
1994 PB	1994 08 10.97336	21 57 11.90	-01 17 24.1	104	1994 PG	1994 08 11.00215	22 50 17.30	-05 32 36.7	104
1994 PB	1994 08 10.97535	21 57 11.79	-01 17 24.4	104	1994 PG	1994 08 11.89907	22 49 41.94	-05 40 24.9	17.0 104
1994 PB	1994 08 10.97847	21 57 11.65	-01 17 25.2	104	1994 PG	1994 08 11.90208	22 49 41.83	-05 40 26.7	104
1994 PE	* 1994 08 05.96713	22 21 56.32	-01 54 58.7	104	1994 PG	1994 08 11.90602	22 49 41.68	-05 40 28.4	104
1994 PE	1994 08 05.97431	22 21 56.02	-01 54 58.5	104	1994 PG	1994 08 11.92234	22 49 41.04	-05 40 34.3	104
1994 PE	1994 08 05.97916	22 21 55.82	-01 54 58.4	104	1994 PG	1994 08 14.94228	22 47 35.57	-06 07 38.5	104
1994 PE	1994 08 06.02850	22 21 53.70	-01 54 58.4	104	1994 PG	1994 08 14.94560	22 47 35.45	-06 07 39.6	104
1994 PE	1994 08 06.98438	22 21 13.37	-01 54 43.2	104	1994 PG	1994 08 14.94722	22 47 35.36	-06 07 40.2	104
1994 PE	1994 08 06.98831	22 21 13.06	-01 54 43.6	104	1994 PG	1994 08 14.95608	22 47 34.94	-06 07 45.7	104
1994 PE	1994 08 06.99201	22 21 13.01	-01 54 43.6	104	1994 PM	1994 08 10.91638	21 24 48.43	-09 30 23.5	104
1994 PE	1994 08 07.03542	22 21 11.04	-01 54 42.6	104	1994 PM	1994 08 10.91794	21 24 47.63	-09 30 34.6	104
1994 PE	1994 08 07.04156	22 21 10.85	-01 54 42.6	18.0 104	1994 PM	1994 08 10.92426	21 24 44.61	-09 31 20.0	104
1994 PE	1994 08 11.01215	22 18 15.02	-01 54 56.5	18.0 104	1994 PM	1994 08 10.92833	21 24 42.64	-09 31 48.5	104
1994 PE	1994 08 11.01597	22 18 14.94	-01 54 56.9	104	1994 PM	1994 08 10.94039	21 24 36.85	-09 33 14.7	104
1994 PE	1994 08 11.02054	22 18 14.67	-01 54 57.3	104	1994 PA ₁	* 1994 08 11.04541	22 17 43.86	-02 04 17.2	104
1994 PE	1994 08 11.02674	22 18 14.37	-01 54 57.6	104	1994 PA ₁	1994 08 11.05000	22 17 43.61	-02 04 19.0	104
1994 PE	1994 08 11.87083	22 17 35.80	-01 55 15.8	104	1994 PA ₁	1994 08 11.07486	22 17 42.66	-02 04 28.1	104

1994 PA ₁	1994 08 11.08042	22 17 42.40	-02 04 30.6		104
1994 PA ₁	1994 08 11.84236	22 17 12.58	-02 09 20.3	16.0	104
1994 PA ₁	1994 08 11.84595	22 17 12.41	-02 09 21.6		104
1994 PA ₁	1994 08 11.84942	22 17 12.24	-02 09 23.0		104
1994 PA ₁	1994 08 11.85648	22 17 12.06	-02 09 25.8		104
1994 PA ₁	1994 08 14.96354	22 15 06.21	-02 29 50.0		104
1994 PA ₁	1994 08 14.96505	22 15 06.18	-02 29 50.4		104
1994 PA ₁	1994 08 14.96759	22 15 06.00	-02 29 51.7		104
1994 PA ₁	1994 08 14.96910	22 15 05.96	-02 29 52.0		104
1994 PA ₁	1994 08 17.03771	22 13 39.90	-02 44 02.7	16.2	104
1994 PA ₁	1994 08 17.04155	22 13 39.73	-02 44 04.9		104
1994 PA ₁	1994 08 17.04326	22 13 39.62	-02 44 06.5		104
1994 PA ₁	1994 08 17.04535	22 13 39.52	-02 44 07.1		104
1994 PE ₁	* 1994 08 11.89907	22 49 57.04	-05 45 52.7	17.5	104
1994 PE ₁	1994 08 11.90208	22 49 56.90	-05 45 52.9		104
1994 PE ₁	1994 08 11.90602	22 49 56.73	-05 45 53.2		104
1994 PE ₁	1994 08 11.92234	22 49 55.91	-05 45 54.7		104
1994 PE ₁	1994 08 17.07535	22 45 52.67	-06 02 55.9	17.0	104
1994 PE ₁	1994 08 17.07963	22 45 52.42	-06 02 56.3		104
1994 PE ₁	1994 08 17.08264	22 45 52.26	-06 02 56.9		104
1994 PE ₁	1994 08 17.09373	22 45 51.63	-06 02 59.1		104
1994 PE ₁	1994 08 17.09687	22 45 51.50	-06 02 59.5		104
1994 PE ₁	1994 08 17.10000	22 45 51.34	-06 03 00.0		104
(1295)	1994 08 06.03929	22 53 29.48	-04 57 50.0		104
(1295)	1994 08 06.04410	22 53 29.33	-04 57 50.6		104
(1295)	1994 08 06.04931	22 53 29.16	-04 57 51.2		104
(1295)	1994 08 06.05764	22 53 28.94	-04 57 53.3		104
(1295)	1994 08 07.01053	22 53 01.16	-05 00 55.3		104
(1295)	1994 08 07.01458	22 53 01.03	-05 00 55.7		104
(1295)	1994 08 07.01991	22 53 00.90	-05 00 57.6		104
(3138)	1994 08 06.09468	23 08 34.27	+02 07 32.0		104
(3138)	1994 08 06.13073	23 08 33.00	+02 07 26.3		104

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Observers L. Tesi, G. Cattani, A. Boattini, M. Tombelli

0.20-m $f/10$ Schmidt Cassegrain + CCD

GSC

1994 OA	1994 08 11.95409	19 49 57.52	-22 42 49.2		111
1994 OA	1994 08 11.95959	19 49 56.96	-22 42 42.1		111
1994 OA	1994 08 11.96381	19 49 56.25	-22 42 35.9		111
1994 OA	1994 08 11.96770	19 49 55.67	-22 42 33.3		111
1994 PC	1994 08 11.93670	19 58 37.79	-28 51 11.2		111
1994 PC	1994 08 11.94020	19 58 37.48	-28 51 19.6		111
1994 PM	1994 08 11.88975	21 16 25.38	-11 39 22.4		111
1994 PM	1994 08 11.89196	21 16 24.05	-11 39 42.2		111
1994 PM	1994 08 11.89435	21 16 22.62	-11 40 03.8		111
1994 PM	1994 08 11.89654	21 16 21.26	-11 40 23.3		111
1994 PM	1994 08 11.89856	21 16 20.01	-11 40 41.0		111
1994 PA ₁	1994 08 11.97270	22 17 07.01	-02 10 09.0		111
1994 PA ₁	1994 08 11.97970	22 17 06.86	-02 10 13.5		111
1994 PA ₁	1994 08 11.98781	22 17 06.66	-02 10 15.0		111
1994 PA ₁	1994 08 11.99929	22 17 06.30	-02 10 19.7	16.0	111

292 Burlington

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0.20-m $f/6.3$ Schmidt-Cassegrain + CCD

GSC

1978 VL ₅	1994 07 17.17720	19 15 48.01	-17 57 53.5		292
1978 VL ₅	1994 07 17.19011	19 15 47.30	-17 57 49.8		292
1991 RG	1994 07 17.29093	20 00 42.80	-13 39 26.8		292
1991 RG	1994 07 17.30190	20 00 42.13	-13 39 26.7		292
1993 FH ₂₄	1994 07 17.27431	20 00 04.90	-12 08 37.5		292

323 Perth

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Observers G. Lowe, T. Smith, A. Verwee

0.3-m astrograph

1994 AH ₂	1994 07 11.52292	18 05 36.28	+07 56 57.6		323
1994 LX	1994 07 28.66458	19 29 39.04	-36 14 02.1		323
1994 LX	1994 07 28.72292	19 29 28.21	-36 16 09.2		323
1994 LX	1994 07 29.66944	19 26 39.13	-36 50 51.2		323
1994 LX	1994 07 31.55278	19 21 03.48	-37 57 25.2		323
1994 PM	1994 08 13.56250	20 55 21.81	-16 48 40.1		323
1994 PM	1994 08 15.50694	20 09 11.14	-26 44 26.4		323
1994 PM	1994 08 16.50497	19 25 46.17	-34 01 39.0		323
(6)	1994 08 16.48403	15 20 43.98	-03 36 59.0		323
(111)	1994 08 15.47396	13 17 50.36	-12 52 37.4		323
(209)	1994 08 15.47396	13 16 48.67	-12 25 40.8		323
(472)	1994 06 28.54028	18 01 30.69	-09 00 45.4		323
(472)	1994 07 18.51806	17 44 44.75	-10 59 57.8		323
(704)	1994 08 02.55903	14 32 40.59	-27 22 11.3		323
(704)	1994 08 16.46181	14 43 32.38	-26 53 02.5		323
(1021)	1994 07 18.74965	20 09 41.44	-21 17 59.2		323
(1403)	1994 06 28.56563	18 12 18.26	-07 27 40.7		323
(1403)	1994 07 18.54896	17 55 24.62	-08 48 28.9		323
(1584)	1994 07 18.64826	19 32 41.01	-32 25 18.5		323
(1626)	1994 06 29.62674	18 58 32.43	-21 25 02.1		323
(1626)	1994 07 18.58507	18 35 40.50	-19 34 19.6		323
(2156)	1994 07 29.72708	21 08 02.33	-26 49 34.9		323
(2156)	1994 08 04.60625	21 01 36.79	-27 11 04.8		323
(2604)	1994 06 15.59028	15 10 22.11	+07 21 08.7		323
(2639)	1994 07 18.71528	19 59 58.50	-31 52 43.5		323
(2639)	1994 08 13.49375	19 38 20.04	-33 47 52.2		323
(2937)	1994 06 15.68333	17 32 14.31	-24 53 07.5		323
(2937)	1994 06 28.50347	17 16 06.89	-20 46 38.4		323
(2937)	1994 07 11.61875	17 03 25.63	-16 37 25.1		323

360 Kuma Kogen Astronomical Observatory

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0.60-m $f/6.0$ Ritchey-Chrétien + CCD

GSC

1994 AH ₂	1994 08 07.52118	18 18 33.29	-07 41 52.7	17.5 V	360
1994 AH ₂	1994 08 07.52500	18 18 33.45	-07 41 57.5		360

1994 CB	1994 08 03.59878	21 03 44.89	-13 44 43.0	16.1 V	t 360
1994 CB	1994 08 03.60087	21 03 43.64	-13 44 10.8		t 360
1994 CB	1994 08 03.60295	21 03 42.38	-13 43 38.7		t 360
1994 CB	1994 08 15.59028	20 02 39.48	+15 58 50.5	17.8 V	360
1994 CB	1994 08 15.59271	20 02 39.06	+15 59 00.9		360
1994 LW	1994 08 26.54722	17 51 56.03	+36 07 23.9	17.8 V	360
1994 LW	1994 08 26.55000	17 51 56.64	+36 07 23.6		360
1994 LX	1994 07 15.69809	20 06 20.30	-27 20 09.4	16.0 V	360
1994 LX	1994 07 15.70087	20 06 19.86	-27 20 16.6		360
1994 LX	1994 08 03.56649	19 12 11.92	-39 37 01.2	16.5 V	360
1994 LX	1994 08 03.56858	19 12 11.55	-39 37 05.0		360
1994 NK	1994 07 15.70781	21 29 39.22	-13 44 48.3	18.4 V	360
1994 NK	1994 07 15.71302	21 29 39.16	-13 44 57.0		360
1994 PC	1994 08 15.55799	19 54 56.82	-31 22 14.0	15.6 V	360
1994 PC	1994 08 15.56111	19 54 56.60	-31 22 21.8		360
1994 PM	1994 08 15.57535	20 06 41.60	-27 14 09.1	12.9 V	t 360
1994 PM	1994 08 15.57813	20 06 35.51	-27 15 15.9		t 360
1994 PM	1994 08 15.58194	20 06 27.16	-27 16 47.7		t 360
1994 PN	1994 08 26.48802	15 55 04.70	-18 35 23.5	17.8 V	360
1994 PN	1994 08 26.49097	15 55 04.81	-18 35 32.8		360
(2195)	1994 08 05.70139	01 49 52.39	+04 51 32.4	16.0 V	360
(2195)	1994 08 05.71389	01 49 53.13	+04 51 34.3		360

365 Uto Observatory

F. Uto, 12-1 Shirakashi Cho 7 Chome, Kashihara, Nara-Ken, Japan
 Observer F. Uto
 0.20-m $f/4.0$ reflector
 PPM

1993 CL	1993 03 17.60817	10 40 09.57	+15 27 20.0	16.5	365
1993 CL	1993 03 17.63491	10 40 08.45	+15 27 22.5		365

388 National Observatory, Mitaka

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Observers T. Yamada, N. Kashikawa, Ishizaka, I. Sato, S. Suzuki
 Measurer I. Sato

0.20-m meridian circle + CCD

GSC

(216)	1994 07 23.75366	23 28 38.15	+14 21 03.0	12.0 V	388
(216)	1994 07 26.74596	23 29 20.61	+14 35 55.3	10.8 V	388
(216)	1994 07 30.73547	23 29 57.44	+14 52 49.9	11.1 V	388
(662)	1994 06 03.63094	17 14 20.50	-16 19 32.7	13.6 V	388
(662)	1994 06 17.58390	17 01 36.69	-16 23 25.1	14.2 V	388
(662)	1994 07 25.46845	16 44 43.72	-17 57 52.4	14.8 V	388
(1085)	1994 07 25.54441	18 34 24.01	-17 44 57.0	14.4 V	388
(1085)	1994 07 26.54126	18 33 47.85	-17 47 57.4	14.2 V	388

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0.25-m $f/4.0$ reflector + CCD

GSC

1984 SJ ₇	1994 08 14.57318	23 39 46.05	+07 43 24.3		398
1984 SJ ₇	1994 08 14.57964	23 39 45.92	+07 43 26.1		398
1984 SJ ₇	1994 08 14.58286	23 39 45.80	+07 43 27.1		398
1994 PM	1994 08 12.51678	21 09 44.44	-13 20 15.4		398
1994 PM	1994 08 12.51832	21 09 43.31	-13 20 31.6		398
1994 PM	1994 08 12.52294	21 09 39.93	-13 21 20.2		398
1994 PM	1994 08 14.55275	20 36 06.09	-21 14 22.4		398
1994 PM	1994 08 14.55646	20 36 00.77	-21 15 30.0		398
1994 PQ	* 1994 08 13.71134	23 34 13.72	+03 40 26.0	17	398
1994 PQ	1994 08 13.72503	23 34 13.35	+03 40 23.5		398
1994 PQ	1994 08 14.56116	23 33 54.07	+03 37 47.4		398
1994 PQ	1994 08 14.56622	23 33 53.94	+03 37 45.9		398
1994 PQ	1994 08 14.59398	23 33 53.21	+03 37 41.1		398

411 Oizumi

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 Japan [kobataka@furusato.infopd.sanyo.co.jp]

0.25-m $f/4.4$ reflector + CCD

GSC

1994 PR	* 1994 08 14.59869	23 30 14.00	-04 55 10.4	16	411
1994 PR	1994 08 14.61237	23 30 13.62	-04 55 10.6		411
1994 PR	1994 08 15.57744	23 29 47.90	-04 55 42.4		411
1994 PR	1994 08 15.58502	23 29 47.67	-04 55 43.6		411
1994 PR	1994 08 15.59602	23 29 47.35	-04 55 43.6		411
1994 PS	* 1994 08 14.59869	23 30 31.77	-05 02 22.5	17	411
1994 PS	1994 08 14.61237	23 30 31.26	-05 02 30.1		411
1994 PS	1994 08 15.57744	23 29 59.27	-05 10 40.0		411
1994 PS	1994 08 15.58502	23 29 59.02	-05 10 43.4		411
1994 PS	1994 08 15.59602	23 29 58.64	-05 10 48.6		411
1994 PT	* 1994 08 14.62824	23 33 26.06	-04 57 04.4	17	411
1994 PT	1994 08 14.64194	23 33 25.73	-04 57 07.8		411
1994 PT	1994 08 15.60762	23 33 03.77	-05 01 06.3		411
1994 PT	1994 08 15.61450	23 33 03.65	-05 01 07.5		411
1994 PT	1994 08 15.61773	23 33 03.46	-05 01 09.1		411
1994 PU	* 1994 08 14.63727	23 33 09.66	-02 01 33.0	17	411
1994 PU	1994 08 14.65098	23 33 09.25	-02 01 33.6		411
1994 PU	1994 08 15.60094	23 32 40.04	-02 01 54.3		411
1994 PU	1994 08 15.60417	23 32 39.94	-02 01 54.1		411
1994 PU	1994 08 15.61106	23 32 39.70	-02 01 53.6		411
1994 PV	* 1994 08 14.65784	23 35 38.03	-04 54 06.7	17	411
1994 PV	1994 08 14.67155	23 35 37.73	-04 54 11.8		411
1994 PV	1994 08 15.62104	23 35 15.74	-04 59 25.4		411
1994 PV	1994 08 15.62749	23 35 15.55	-04 59 27.1		411
1994 PV	1994 08 15.63423	23 35 15.40	-04 59 30.0		411
1994 PW	* 1994 08 14.66009	23 36 26.96	-04 21 35.9	16.5	411
1994 PW	1994 08 14.67381	23 36 26.61	-04 21 43.4		411
1994 PW	1994 08 15.64415	23 36 05.99	-04 29 59.4		411
1994 PW	1994 08 15.64739	23 36 05.91	-04 30 00.8		411
1994 PW	1994 08 15.65392	23 36 05.75	-04 30 04.4		411
1994 PX	* 1994 08 14.66009	23 37 13.58	-04 18 43.7	17	411
1994 PX	1994 08 14.67381	23 37 13.40	-04 18 51.4		411
1994 PX	1994 08 15.65065	23 36 56.19	-04 28 01.4		411
1994 PX	1994 08 15.65719	23 36 56.05	-04 28 04.9		411

1994 PX	1994 08 15.66042	23 36 55.99	-04 28 07.1		411	1992 SL	1994 07 25.39622	14 29 01.00	-33 46 00.2		413
1994 PY	* 1994 08 14.66236	23 35 46.98	-03 43 06.4	17	411	1992 TC	1994 07 25.75114	01 06 24.35	-12 49 18.6		413
1994 PY	1994 08 14.67606	23 35 46.73	-03 43 10.9		411	1992 TC	1994 07 25.75415	01 06 25.12	-12 49 17.7		413
1994 PY	1994 08 15.63086	23 35 28.70	-03 47 54.1		411	1993 ET	1994 07 25.44072	15 58 30.45	+10 52 05.2		413
1994 PY	1994 08 15.63760	23 35 28.56	-03 47 56.5		411	1993 ET	1994 07 25.44499	15 58 30.42	+10 52 03.5		413
1994 PY	1994 08 15.64084	23 35 28.49	-03 47 57.6		411	1993 ET	1994 07 25.45737	15 58 30.32	+10 51 59.6		413
1994 PZ	* 1994 08 14.69424	23 39 43.17	-03 04 33.9	17	411	1993 HO ₁	1979 03 08.74451	15 36 05.84	-17 39 37.7	17.5 V	413
1994 PZ	1994 08 14.70799	23 39 42.78	-03 04 39.2		411	1993 HO ₁	1979 03 08.78271	15 36 07.14	-17 39 59.5		413
1994 PZ	1994 08 15.66380	23 39 17.87	-03 10 19.0		411	1993 HO ₁	1994 08 15.67623	21 54 31.51	-21 18 13.3		413
1994 PZ	1994 08 15.66704	23 39 17.75	-03 10 20.4		411	1993 HO ₁	1994 08 15.68011	21 54 31.21	-21 18 14.5		413
1994 PZ	1994 08 15.67384	23 39 17.53	-03 10 22.9		411	1993 HO ₁	1994 08 16.61422	21 53 23.59	-21 23 16.8		413
413 Siding Spring						1993 HO ₁	1994 08 16.61785	21 53 23.28	-21 23 18.2		413
R. H. McNaught, Siding Spring Observatory, Coonabarabran, N.S.W. 2357, Australia [rmn@aaocbn1.aao.gov.au]						1993 HA ₂	1994 07 25.40203	14 36 03.52	-20 04 34.0		413
Observers C. S. Bembrick, R. D. Cannon, B. D. Carter, J. A. Dawe, M. J. Drinkwater, G. J. Garradd, M. Hartley, A. J. Longmore, R. H. McNaught, Q. A. Parker, K. S. Russell, A. Savage, S. B. Tritton, W. Ward						1993 KM	1994 07 25.76947	01 45 41.17	+05 24 35.7		413
Measurers R. H. McNaught, G. J. Garradd, B. D. Carter						1993 KM	1994 07 25.77448	01 45 41.33	+05 24 34.9		413
Uppsala Southern Schmidt, U.K. Schmidt, 1.0-m reflector + CCD, 0.5-m Schmidt + CCD						1993 KM	1994 07 26.81661	01 46 11.39	+05 21 52.9		413
1982 TX	1994 07 25.61782	19 17 59.69	+02 52 11.9		I 413	1993 KM	1994 07 26.81977	01 46 11.48	+05 21 51.4		413
1982 TX	1994 07 25.62140	19 17 59.38	+02 52 11.0		I 413	1993 PC	1994 07 25.52716	17 12 07.08	-31 46 34.7		413
1982 TX	1994 07 25.62499	19 17 59.19	+02 52 10.6		I 413	1993 UC	1989 10 28.40338	22 54 22.27	-16 59 04.4	19 V F	413
1984 KB	1994 07 25.59891	17 46 49.87	-15 30 30.9		I 413	1993 UC	1989 10 28.44852	22 54 20.91	-16 59 24.1		V 413
1984 KB	1994 07 25.60185	17 46 49.60	-15 30 32.1		I 413	1993 UC	1994 07 25.42220	15 00 41.81	+15 43 26.7		413
1988 GB	1994 07 25.77882	01 59 43.63	+01 45 00.6		413	1993 UC	1994 07 25.42791	15 00 42.16	+15 43 20.6		413
1988 GB	1994 07 25.78370	01 59 43.89	+01 45 02.1		413	1993 VA	1994 07 25.46425	15 33 41.55	-10 36 01.8		413
1988 GB	1994 08 15.77188	02 07 21.24	+03 48 36.9		413	1993 VA	1994 07 25.48936	15 33 42.52	-10 36 16.2		413
1988 GB	1994 08 15.78522	02 07 21.23	+03 48 40.6		413	1993 VW	1994 07 25.47657	16 20 52.62	-10 42 09.2		413
1989 QF	1994 07 25.78773	02 31 47.53	+12 44 08.5		413	1993 VW	1994 07 25.48060	16 20 52.82	-10 42 10.0		413
1989 QF	1994 07 25.79150	02 31 47.58	+12 44 10.6		413	1993 VW	1994 07 25.48507	16 20 53.02	-10 42 11.2		413
1989 QF	1994 07 26.80902	02 32 04.24	+12 52 14.2		413	1994 AW ₁	1994 07 25.37462	12 33 47.05	-21 56 45.6		413
1989 QF	1994 07 26.81261	02 32 04.29	+12 52 15.5		413	1994 AW ₁	1994 07 25.37802	12 33 47.95	-21 56 43.5		413
1989 SL ₅	1994 07 25.44937	15 54 05.28	+10 25 05.6		413	1994 AH ₂	1994 07 25.60509	18 10 46.64	-02 09 15.7		413
1989 SL ₅	1994 07 25.45314	15 54 05.35	+10 25 01.0		413	1994 AH ₂	1994 07 25.60768	18 10 46.70	-02 09 20.8		413
1990 HL ₁	1975 03 12.56765	11 35 20.42	-37 24 43.2	17 V	413	1994 CB	1994 07 25.62800	23 26 43.76	-53 52 52.1		413
1990 HL ₁	1975 03 12.63015	11 35 17.17	-37 24 31.6		413	1994 CB	1994 07 25.83158	23 21 37.00	-53 13 46.3		413
1990 QR ₁₁	1983 05 10.47773	13 26 29.09	-14 51 35.6		413	1994 CB	1994 07 25.83330	23 21 34.46	-53 13 25.6		413
1990 QR ₁₁	1983 05 10.51940	13 26 27.61	-14 51 18.2		413	1994 CB	1994 07 26.75362	23 00 39.89	-50 00 49.1		413
1990 QR ₁₁	1988 02 23.56544	10 48 49.24	-07 31 52.5		413	1994 CB	1994 07 26.75540	23 00 37.38	-50 00 25.2		413
1990 QR ₁₁	1988 02 23.64877	10 48 45.71	-07 31 31.6		413	1994 GY	1994 07 25.49460	16 13 26.79	-48 00 06.5		413
1990 WA	1994 07 25.80276	03 17 14.67	-08 20 06.0		413	1994 GY	1994 07 25.49906	16 13 27.56	-48 00 05.2		413
1990 WA	1994 07 25.80668	03 17 15.20	-08 20 04.2		413	1994 GY	1994 07 26.48944	16 16 26.65	-47 55 39.3		413
1991 CQ	1994 07 25.79912	02 49 55.57	+06 12 47.5	V	413	1994 GY	1994 07 26.49258	16 16 27.19	-47 55 38.2		I 413
1992 AB	1993 07 01.73855	18 28 07.46	-32 50 34.1		413	1994 JX	1994 07 25.81177	08 37 27.18	-82 46 33.0		413
1992 AB	1993 07 01.74166	18 28 07.23	-32 50 35.1		413	1994 JX	1994 07 25.81541	08 37 27.12	-82 46 37.4		413
1992 AB	1994 07 25.65250	20 59 53.57	-50 06 32.2	p	413	1994 JX	1994 07 26.78095	08 36 22.14	-83 04 57.6		413
1992 AB	1994 07 25.65646	20 59 53.50	-50 06 34.3		413	1994 JX	1994 07 26.78399	08 36 22.14	-83 05 01.1		413
1992 JB	1994 07 25.58097	17 30 01.91	+08 11 11.8		413	1994 JF ₁	1994 07 25.50233	16 27 15.98	-19 20 38.1		413
1992 JB	1994 07 25.58522	17 30 01.93	+08 11 09.1		413	1994 JF ₁	1994 07 25.50459	16 27 16.32	-19 20 39.7		413
1992 SL	1994 07 25.39317	14 29 00.74	-33 46 00.7		413	1994 JO ₁	1994 07 25.64299	20 59 51.51	-32 20 05.9		413
						1994 JO ₁	1994 07 25.64721	20 59 51.36	-32 20 08.6		413
						1994 LT	1994 07 25.55540	15 09 49.58	-14 06 02.2		413
						1994 LT	1994 07 25.55891	15 09 49.65	-14 06 04.4		413
						1994 LW	1994 07 25.43334	16 16 03.90	+31 18 34.5		413
						1994 LW	1994 07 25.43565	16 16 04.23	+31 18 37.5		413

1994 LX	1977 08 10.45307	18 53 15.79	-43 03 55.8	16.5 V	413	1994 OA	1994 07 20.81564	20 39 00.77	-30 13 25.7		I	413
1994 LX	1977 08 10.51557	18 53 05.69	-43 05 27.2		413	1994 OA	1994 07 25.69004	20 28 21.47	-28 52 43.5			413
1994 LX	1994 07 25.58894	19 38 47.25	-34 16 00.6		413	1994 OA	1994 07 25.69287	20 28 21.08	-28 52 40.4			413
1994 LX	1994 07 25.59166	19 38 46.76	-34 16 07.0		413	1994 OA	1994 07 26.75823	20 25 57.40	-28 33 28.5			413
1994 LX	1994 07 26.74170	19 35 21.83	-35 01 02.9		413	1994 OA	1994 07 26.76096	20 25 57.03	-28 33 25.5			413
1994 LX	1994 07 26.74376	19 35 21.46	-35 01 07.5		413	1994 PC	1982 05 01.63671	16 06 18.42	-02 24 08.4	19	V	V 413
1994 LC ₁	1994 07 25.53863	23 00 25.28	-47 27 14.6		413	1994 PC	1982 05 01.67838	16 06 15.51	-02 23 50.3			V 413
1994 LC ₁	1994 07 25.54258	23 00 25.60	-47 27 13.9		413	1994 PC	1984 05 30.50764	15 59 41.20	-02 13 48.4	18.5 V	F	413
1994 LC ₁	1994 07 25.55153	23 00 26.36	-47 27 12.6		413	1994 PC	1984 05 30.54931	15 59 37.14	-02 13 44.8		F	413
1994 LC ₁	1994 07 25.82006	23 00 47.98	-47 26 14.1		413	1994 PC	1994 08 15.38355	19 55 08.64	-31 14 18.5			413
1994 LC ₁	1994 07 25.82263	23 00 48.19	-47 26 13.4		413	1994 PC	1994 08 15.38528	19 55 08.52	-31 14 23.0			413
1994 LC ₁	1994 07 26.83743	23 02 16.87	-47 22 03.4		413	1994 PC	1994 08 15.72099	19 54 45.13	-31 28 21.0			413
1994 LC ₁	1994 07 26.83948	23 02 17.01	-47 22 03.0		413	1994 PC	1994 08 15.72269	19 54 45.02	-31 28 25.2			413
1994 LC ₁	1994 08 15.74270	23 18 29.36	-43 46 32.5		413	1994 PC	1994 08 16.39662	19 54 10.64	-31 56 48.1			413
1994 LC ₁	1994 08 15.74455	23 18 29.37	-43 46 30.4		413	1994 PC	1994 08 16.41818	19 54 09.18	-31 57 43.8			413
1994 LC ₁	1994 08 16.70045	23 18 40.72	-43 28 36.3		413	1994 PC	1994 08 17.39157	19 53 16.12	-32 38 31.4			413
1994 LC ₁	1994 08 16.70253	23 18 40.72	-43 28 33.9		413	1994 PC	1994 08 17.39398	19 53 15.96	-32 38 37.6			413
1994 LC ₁	1994 08 17.57667	23 18 49.61	-43 11 29.0		413	1994 PC	1994 08 26.57509	19 47 14.05	-38 56 40.6			413
1994 LC ₁	1994 08 17.58529	23 18 49.58	-43 11 19.0		413	1994 PC	1994 08 26.57689	19 47 13.98	-38 56 44.6			413
1994 LC ₁	1994 08 26.69427	23 18 03.97	-39 34 16.9		413	1994 PC	1994 08 27.41940	19 47 00.01	-39 30 13.8			413
1994 LC ₁	1994 08 26.69652	23 18 03.92	-39 34 13.0		413	1994 PC	1994 08 27.42194	19 46 59.92	-39 30 20.0			413
1994 LD ₁	1994 07 25.69712	21 45 22.19	-46 05 19.9		413	1994 PM	1994 08 15.386830	20 13 13.58	-25 57 45.4			413
1994 LD ₁	1994 07 25.70051	21 45 22.01	-46 05 19.6		413	1994 PM	1994 08 15.390120	20 13 07.03	-25 59 01.2			413
1994 LF ₁	1994 07 25.56284	16 25 03.76	+12 18 06.7		413	1994 PM	1994 08 15.594051	20 05 57.98	-27 19 15.8			413
1994 LF ₁	1994 07 25.57725	16 25 03.92	+12 18 07.4		413	1994 PM	1994 08 15.596036	20 05 53.60	-27 20 03.5			413
1994 NB	1994 08 10.37172	16 24 11.88	-03 20 02.6		413	1994 PM	1994 08 15.737193	20 00 35.65	-28 17 05.1			413
1994 NB	1994 08 10.41339	16 24 14.42	-03 20 59.0	18.0 V	413	1994 PM	1994 08 15.738940	20 00 31.63	-28 17 47.6			413
1994 NB	1994 08 13.47083	16 27 44.65	-04 31 19.6		413	1994 PM	1994 08 16.380051	19 32 24.16	-33 02 39.2			413
1994 NB	1994 08 13.48125	16 27 45.23	-04 31 32.6		413	1994 PM	1994 08 16.381961	19 32 18.18	-33 03 33.4			413
1994 NB	1994 08 15.40766	16 30 04.10	-05 14 45.5		413	1994 PM	1994 08 16.523625	19 24 37.20	-34 10 39.5			413
1994 NB	1994 08 15.41047	16 30 04.31	-05 14 49.3		413	1994 PM	1994 08 16.525302	19 24 31.54	-34 11 27.2			413
1994 NB	1994 08 16.41342	16 31 18.31	-05 36 58.5		413	1994 PM	1994 08 16.681130	19 15 29.79	-35 25 00.4			413
1994 NB	1994 08 16.41627	16 31 18.51	-05 37 02.3		413	1994 PM	1994 08 16.682823	19 15 23.75	-35 25 48.2			413
1994 ND	1994 07 25.72726	03 20 17.88	-62 35 02.5		413	1994 PM	1994 08 16.725144	19 12 51.36	-35 45 44.2			413
1994 ND	1994 07 25.73011	03 20 20.27	-62 34 58.3		413	1994 PM	1994 08 16.726852	19 12 45.15	-35 46 32.4			413
1994 ND	1994 07 25.83618	03 21 48.41	-62 32 16.0		413	1994 PM	1994 08 17.379648	18 27 09.95	-40 56 22.0			413
1994 ND	1994 07 26.73396	03 34 01.80	-62 06 07.6		413	1994 PM	1994 08 17.381733	18 26 59.66	-40 57 18.7			413
1994 ND	1994 07 26.73647	03 34 03.74	-62 06 03.4		413	1994 PM	1994 08 17.581111	18 09 55.25	-42 23 12.0			413
1994 ND	1994 07 26.83349	03 35 16.61	-62 03 18.3		413	1994 PM	1994 08 17.582902	18 09 45.70	-42 23 55.8			413
1994 ND	1994 07 26.83535	03 35 18.00	-62 03 14.9		413	1994 PM	1994 08 17.641558	18 04 31.77	-42 47 20.7			413
1994 ND	1994 08 16.79814	05 33 50.36	-52 06 21.1		413	1994 PM	1994 08 17.643266	18 04 22.53	-42 48 01.0			413
1994 ND	1994 08 16.80186	05 33 50.83	-52 06 16.8		413	1994 PN	* 1994 08 07.36812	15 56 08.37	-00 38 07.6	17.5 V		413
1994 ND	1994 08 17.79379	05 36 00.84	-51 46 25.4		413	1994 PN	1994 08 07.40979	15 56 06.89	-00 40 27.2			413
1994 ND	1994 08 17.79602	05 36 01.11	-51 46 23.1		413	1994 PN	1994 08 09.47278	15 55 10.13	-02 39 12.4			413
1994 NK	1994 07 25.70374	21 27 59.39	-17 43 41.7		413	1994 PN	1994 08 09.48667	15 55 09.77	-02 39 58.5			413
1994 NK	1994 07 25.70707	21 27 59.28	-17 43 45.9		413	1994 PN	1994 08 11.52696	15 54 26.41	-04 37 17.4			413
1994 NK	1994 07 25.70962	21 27 59.24	-17 43 48.8		413	1994 PN	1994 08 11.53215	15 54 26.52	-04 37 34.1			413
1994 NK	1994 07 26.74705	21 27 37.39	-18 04 56.2		413	1994 PN	1994 08 11.53631	15 54 26.30	-04 37 51.0			413
1994 NK	1994 07 26.74977	21 27 37.31	-18 04 59.3		413	1994 PN	1994 08 15.37983	15 53 38.20	-08 17 45.0			413
1994 OA	1994 06 16.80968	21 25 07.98	-35 26 01.3	17 V	413	1994 PN	1994 08 15.38169	15 53 38.15	-08 17 51.6		I	413
1994 OA	* 1994 07 17.61384	20 45 39.92	-31 00 16.1	17 V	413	1994 PN	1994 08 16.37431	15 53 32.52	-09 14 17.8			413
1994 OA	1994 07 17.67634	20 45 32.39	-30 59 24.9		413	1994 PN	1994 08 16.37617	15 53 32.50	-09 14 24.1			413

1994 PN	1994 08 16.51904	15 53 31.46	-09 22 29.8		413	1994 PF ₁	1994 08 07.40979	15 59 02.92	-03 02 45.4		413
1994 PN	1994 08 16.52088	15 53 31.46	-09 22 36.1		413	1994 PF ₁	1994 08 16.45803	16 08 22.16	-06 28 32.1		413
1994 PN	1994 08 17.38569	15 53 29.44	-10 11 36.6		413	1994 PF ₁	1994 08 16.46436	16 08 22.56	-06 28 40.6		413
1994 PN	1994 08 17.38826	15 53 29.44	-10 11 45.1		413	1994 PF ₁	1994 08 17.40655	16 09 28.10	-06 49 18.5		413
1994 PN	1994 08 26.40177	15 55 02.91	-18 30 34.2		413	1994 PF ₁	1994 08 17.40992	16 09 28.29	-06 49 23.2		413
1994 PN	1994 08 26.40436	15 55 02.96	-18 30 42.6		413	1994 PG ₁	1994 07 04.63723	21 48 14.06	-30 34 31.3		413
1994 PN	1994 08 27.38204	15 55 25.86	-19 23 17.0		413	1994 PG ₁	1994 07 04.67890	21 48 13.24	-30 34 37.4		413
1994 PN	1994 08 27.38468	15 55 25.92	-19 23 25.4		413	1994 PG ₁	* 1994 08 11.5260	21 29 00.33	-31 54 14.3	18.0 V	413
1994 PC ₁	1974 09 22.70005	03 26 40.88	-46 55 53.1	18.5 V	F 413	1994 PG ₁	1994 08 11.5746	21 28 58.40	-31 54 17.5		413
1994 PC ₁	1974 09 22.72782	03 26 40.66	-46 56 35.4		F 413	1994 PH ₁	* 1994 08 14.68043	21 59 06.66	-16 24 11.0	15.5 V	413
1994 PC ₁	1977 08 19.72159	01 16 25.85	-42 49 51.5	18.5 V	V 413	1994 PH ₁	1994 08 16.70539	21 57 57.42	-16 52 30.5		413
1994 PC ₁	1977 08 19.77367	01 16 25.32	-42 51 41.0		V 413	1994 PH ₁	1994 08 16.71085	21 57 57.21	-16 52 35.0		413
1994 PC ₁	1980 07 11.77755	23 13 14.78	-24 15 16.1	18 V	V 413	1994 PH ₁	1994 08 17.80355	21 57 19.34	-17 07 41.0		413
1994 PC ₁	* 1994 08 09.59466	21 32 52.05	-42 02 48.3	18.0 V	V 413	1994 PH ₁	1994 08 17.80594	21 57 19.26	-17 07 42.9		413
1994 PC ₁	1994 08 09.68841	21 32 33.88	-42 06 54.9		V 413	1994 PJ ₁	* 1994 08 14.68043	22 03 55.00	-13 23 48.6	17.0 V	413
1994 PC ₁	1994 08 10.59988	21 30 30.80	-42 36 07.0		I 413	1994 PJ ₁	1994 08 16.70844	22 02 22.83	-13 48 39.9		413
1994 PC ₁	1994 08 10.67627	21 30 19.56	-42 38 32.8		p 413	1994 PJ ₁	1994 08 16.71374	22 02 22.58	-13 48 43.8		413
1994 PC ₁	1994 08 15.45921	21 19 29.11	-44 55 16.4		413	1994 PJ ₁	1994 08 17.80885	22 01 32.22	-14 02 07.4		413
1994 PC ₁	1994 08 15.46169	21 19 28.73	-44 55 20.4		413	1994 PJ ₁	1994 08 17.81101	22 01 32.10	-14 02 08.8		413
1994 PC ₁	1994 08 15.46618	21 19 28.13	-44 55 27.5		413	1994 PK ₁	* 1994 08 15.46681	20 41 49.85	-49 58 53.8	17.0 V	p 413
1994 PC ₁	1994 08 15.46990	21 19 27.58	-44 55 33.0		413	1994 PK ₁	1994 08 15.52931	20 41 47.17	-49 59 05.8	b	413
1994 PC ₁	1994 08 15.47273	21 19 27.19	-44 55 37.4		413	1994 PK ₁	1994 08 16.80457	20 40 56.71	-50 02 43.0		413
1994 PC ₁	1994 08 15.58456	21 19 11.43	-44 58 32.4		413	1994 PK ₁	1994 08 16.81142	20 40 56.46	-50 02 43.9		413
1994 PC ₁	1994 08 15.58793	21 19 10.95	-44 58 37.4		413	1994 PK ₁	1994 08 17.79030	20 40 20.34	-50 05 01.5		413
1994 PC ₁	1994 08 15.79190	21 18 42.54	-45 03 45.8		413	1994 PK ₁	1994 08 17.79926	20 40 20.01	-50 05 02.3		413
1994 PC ₁	1994 08 15.79428	21 18 42.21	-45 03 49.4		413	1994 PL ₁	1994 08 01.45030	17 32 45.79	+03 08 24.6		413
1994 PC ₁	1994 08 16.40083	21 17 22.12	-45 19 07.6		413	1994 PL ₁	* 1994 08 03.46008	17 33 01.68	+02 24 33.3	18.0 V	413
1994 PC ₁	1994 08 16.40385	21 17 21.73	-45 19 12.0		413	1994 PL ₁	1994 08 03.50175	17 33 01.86	+02 23 38.5		413
1994 PC ₁	1994 08 16.59941	21 16 54.46	-45 24 05.9		413	1994 PM ₁	* 1994 08 09.36890	15 43 43.74	+00 39 56.6	18.0 V	p 413
1994 PC ₁	1994 08 16.60138	21 16 54.21	-45 24 08.7		413	1994 PM ₁	1994 08 09.41057	15 43 46.54	+00 38 53.8	F	413
1994 PC ₁	1994 08 16.77905	21 16 29.58	-45 28 24.7		413	1994 PM ₁	1994 08 15.39463	15 50 42.23	-01 32 47.0		413
1994 PC ₁	1994 08 16.78097	21 16 29.34	-45 28 27.6		413	1994 PM ₁	1994 08 15.39756	15 50 42.44	-01 32 50.8		413
1994 PC ₁	1994 08 17.41856	21 15 05.70	-45 43 49.7		413	1994 PM ₁	1994 08 16.42756	15 51 58.46	-01 55 00.1		413
1994 PC ₁	1994 08 17.42104	21 15 05.37	-45 43 53.5		413	1994 PM ₁	1994 08 16.42973	15 51 58.61	-01 55 03.2		413
1994 PC ₁	1994 08 17.76460	21 14 17.95	-45 51 55.5		413	1994 PM ₁	1994 08 17.42569	15 53 13.32	-02 16 19.0		413
1994 PC ₁	1994 08 17.76870	21 14 17.39	-45 52 01.2		413	1994 PM ₁	1994 08 17.42810	15 53 13.49	-02 16 22.1		413
1994 PC ₁	1994 08 26.41263	20 56 26.06	-48 33 28.5		413	1994 PN ₁	1994 08 09.71310	00 56 47.65	-26 53 19.7		V 413
1994 PC ₁	1994 08 26.41495	20 56 25.76	-48 33 30.6		413	1994 PN ₁	1994 08 09.77560	00 56 48.65	-26 54 07.0		V 413
1994 PC ₁	1994 08 26.71546	20 55 50.66	-48 37 43.2		413	1994 PN ₁	* 1994 08 11.71845	00 57 24.04	-27 20 31.0	17.0 V	413
1994 PC ₁	1994 08 26.71807	20 55 50.33	-48 37 45.5		413	1994 PN ₁	1994 08 11.76012	00 57 24.72	-27 21 07.8		413
1994 PC ₁	1994 08 27.42449	20 54 33.68	-48 47 28.3		413	1994 PN ₁	1994 08 15.75620	00 58 17.37	-28 16 26.8		413
1994 PC ₁	1994 08 27.42748	20 54 33.33	-48 47 30.8		413	1994 PN ₁	1994 08 15.75906	00 58 17.38	-28 16 29.2		413
1994 PD ₁	* 1994 08 15.69950	00 10 28.60	-26 07 36.7	16.5 V	p 413	1994 PN ₁	1994 08 16.76199	00 58 26.43	-28 30 35.2		413
1994 PD ₁	1994 08 15.75159	00 10 31.12	-26 09 11.7		413	1994 PN ₁	1994 08 16.77526	00 58 26.51	-28 30 46.4		413
1994 PD ₁	1994 08 16.52961	00 11 11.58	-26 32 04.7		413	1994 PN ₁	1994 08 17.75310	00 58 33.80	-28 44 36.0		413
1994 PD ₁	1994 08 16.53460	00 11 11.81	-26 32 13.6		413	1994 PN ₁	1994 08 17.75816	00 58 33.81	-28 44 40.2		413
1994 PD ₁	1994 08 16.78487	00 11 23.20	-26 39 38.5		413	1994 PO ₁	* 1994 08 12.62667	22 38 03.24	-54 31 03.0	17.0 V	413
1994 PD ₁	1994 08 16.78728	00 11 23.32	-26 39 42.9		413	1994 PO ₁	1994 08 12.66833	22 38 00.29	-54 31 21.7		413
1994 PD ₁	1994 08 17.56008	00 12 02.19	-27 02 33.3		413	1994 PO ₁	1994 08 15.72457	22 34 52.06	-54 48 52.2		413
1994 PD ₁	1994 08 17.56413	00 12 02.37	-27 02 40.7		413	1994 PO ₁	1994 08 15.72622	22 34 51.94	-54 48 52.7		413
1994 PD ₁	1994 08 17.82909	00 12 13.98	-27 10 31.2		413	1994 PO ₁	1994 08 15.73316	22 34 51.48	-54 48 54.7		413
1994 PF ₁	* 1994 08 07.36812	15 59 00.97	-03 01 52.3	18.0 V	413	1994 PO ₁	1994 08 16.62201	22 33 55.26	-54 53 21.1		413

1994 PO ₁	1994 08 16.62783	22 33 54.86	-54 53 22.8	413
1994 PO ₁	1994 08 17.44775	22 33 02.58	-54 57 09.3	413
1994 PO ₁	1994 08 17.45233	22 33 02.27	-54 57 10.5	413
1994 PP ₁	* 1994 08 12.62667	22 47 31.26	-57 43 46.7	17.5 V 413
1994 PP ₁	1994 08 12.66833	22 47 26.65	-57 44 10.8	413
1994 PP ₁	1994 08 15.72806	22 42 44.46	-58 06 06.5	413
1994 PP ₁	1994 08 15.73144	22 42 44.12	-58 06 07.7	413
1994 PP ₁	1994 08 16.63445	22 41 17.88	-58 11 31.5	413
1994 PP ₁	1994 08 16.64034	22 41 17.26	-58 11 33.4	413
1994 PP ₁	1994 08 17.45528	22 39 58.75	-58 15 53.8	413
1994 PP ₁	1994 08 17.45881	22 39 58.42	-58 15 55.1	413
1994 PQ ₁	* 1994 08 12.71531	00 34 46.50	-54 27 30.8	17.5 V p 413
1994 PQ ₁	1994 08 15.74856	00 36 45.17	-55 15 19.3	413
1994 PQ ₁	1994 08 15.75269	00 36 45.29	-55 15 23.0	413
1994 PQ ₁	1994 08 16.64543	00 37 14.90	-55 28 51.6	413
1994 PQ ₁	1994 08 16.65145	00 37 15.07	-55 28 57.1	413
1994 PQ ₁	1994 08 17.51720	00 37 41.17	-55 41 40.9	413
1994 PQ ₁	1994 08 17.52044	00 37 41.26	-55 41 43.9	413
1994 PQ ₁	1994 08 17.62950	00 37 43.84	-55 43 23.0	413
1994 PQ ₁	1994 08 17.63385	00 37 43.94	-55 43 26.5	413
1994 PQ ₁	1994 08 17.81659	00 37 47.87	-55 46 05.2	413
1994 PQ ₁	1994 08 17.81834	00 37 47.93	-55 46 06.8	413
1994 QA	* 1994 08 16.75771	02 18 28.33	-16 56 51.3	18.5 V 413
1994 QA	1994 08 16.80424	02 18 28.51	-16 57 03.3	413
1994 QA	1994 08 17.64804	02 18 35.60	-17 01 58.4	413
1994 QA	1994 08 17.66100	02 18 35.74	-17 02 02.8	413
1994 QB	* 1994 08 16.75771	02 25 31.57	-18 53 12.2	18.5 V 413
1994 QB	1994 08 16.80424	02 25 33.19	-18 53 36.9	413
1994 QB	1994 08 17.66739	02 26 08.30	-19 02 02.3	413
1994 QB	1994 08 17.67646	02 26 08.68	-19 02 07.5	413
1994 QB	1994 08 17.68602	02 26 09.04	-19 02 13.3	413
1994 QB	1994 08 17.69689	02 26 09.44	-19 02 19.5	413
(1620)	1994 07 25.36344	09 27 15.81	-25 13 21.5	413
(1620)	1994 07 25.36551	09 27 15.84	-25 13 25.5	413
(1620)	1994 07 25.36781	09 27 15.90	-25 13 30.0	413
(1620)	1994 08 15.36944	09 30 13.61	-45 32 24.8	413
(1620)	1994 08 15.37109	09 30 13.64	-45 32 38.1	413
(1620)	1994 08 15.37263	09 30 13.69	-45 32 49.6	413
(1620)	1994 08 16.36169	09 30 25.84	-47 59 20.4	413
(1620)	1994 08 16.36407	09 30 25.86	-47 59 41.9	413
(1620)	1994 08 16.36566	09 30 25.91	-47 59 56.2	413
(1620)	1994 08 16.82406	09 30 54.89	-49 16 31.4	413
(1620)	1994 08 16.82560	09 30 54.96	-49 16 48.2	413
(1620)	1994 08 16.82740	09 30 54.95	-49 17 07.8	413
(1620)	1994 08 17.35696	09 30 42.06	-50 52 55.9	413
(1620)	1994 08 17.36294	09 30 42.33	-50 54 00.7	413
(1620)	1994 08 17.36649	09 30 42.42	-50 54 39.1	413
(1620)	1994 08 17.82354	09 31 17.66	-52 25 35.0	413
(1620)	1994 08 17.82500	09 31 17.71	-52 25 54.0	413
(1620)	1994 08 17.82644	09 31 17.72	-52 26 12.8	413
(2608)	1994 08 15.70543	22 42 06.60	-01 11 47.2	F 413
(2608)	1994 08 15.71455	22 42 06.05	-01 11 53.1	F 413

(4953)	1994 07 25.52112	16 55 42.88	-47 30 42.9	413
(4953)	1994 07 25.52327	16 55 42.88	-47 30 42.1	413

474 Mount John

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Observer A. C. Gilmore

Measurer P. M. Kilmartin

0.6-m *f*/14 Cassegrain reflector

SAOC, CPZ, field plates from Carter Observatory

1994 PM	1994 08 10.57432	21 27 16.08	-08 49 55.8	474
1994 PM	1994 08 10.57987	21 27 13.51	-08 50 34.0	474
1994 PM	1994 08 12.41079	21 10 57.66	-13 00 05.5	474
1994 PM	1994 08 12.41877	21 10 51.99	-13 01 27.0	474
1994 PM	1994 08 15.48611	20 09 47.06	-26 35 58.7	474
1994 PM	1994 08 15.48924	20 09 40.65	-26 37 11.7	474
1994 PM	1994 08 15.49123	20 09 36.43	-26 37 58.5	474
1994 PM	1994 08 15.49479	20 09 29.00	-26 39 21.0	474
1994 PM	1994 08 15.71042	20 01 37.75	-28 05 25.9	474
1994 PM	1994 08 15.71389	20 01 29.92	-28 06 50.8	474
1994 PM	1994 08 16.35729	19 33 30.74	-32 51 37.5	474
1994 PM	1994 08 16.35938	19 33 24.28	-32 52 36.3	474
1994 PM	1994 08 16.36053	19 33 20.71	-32 53 08.2	474

493 Calar Alto

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2.2-m reflector + CCD

1993 FW	1994 05 05.94965	12 29 49.06	-03 04 20.7	23.5 R 493
1993 FW	1994 05 10.89709	12 29 33.25	-03 02 30.3	493
1993 FW	1994 05 12.86471	12 29 27.37	-03 01 48.8	493

494 Stakenbridge

B. G. W. Manning, Moonrakers, Stakenbridge, Churchill, Kidderminster, Worcs. DY10 3LS, England [bgwm@star.sr.bham.ac.uk]

0.2-m *f*/6.5 reflector + CCD, 0.26-m *f*/7.3 reflector + CCD
PPM

1989 UN ₃	1994 08 08.97359	21 26 42.51	-14 13 12.5	494
1989 UN ₃	1994 08 08.98201	21 26 42.12	-14 13 15.2	494
1989 UN ₃	1994 08 13.94005	21 22 57.48	-14 35 09.6	494
1989 UN ₃	1994 08 13.94997	21 22 57.01	-14 35 13.7	494

540 Linz

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Observers E. Meyer, H. Raab

0.30-m *f*/5.2 Schmidt Cassegrain + CCD

GSC

1994 AH ₂	1994 07 16.87881	18 07 09.92	+03 23 28.2	15.9 R 540
1994 AH ₂	1994 07 16.88133	18 07 09.89	+03 23 21.4	15.8 R 540
1994 AH ₂	1994 07 16.88568	18 07 10.04	+03 23 09.5	16.1 R 540
1994 AH ₂	1994 07 29.85846	18 13 01.69	-04 15 56.4	18.3 R 540
1994 AH ₂	1994 07 29.86245	18 13 01.87	-04 16 03.6	18.5 R 540
1994 AH ₂	1994 07 29.86619	18 13 02.03	-04 16 09.8	18.1 R 540

1994 AH ₂	1994 07 29.88318	18 13 02.41	-04 16 39.2	18.5 R	540
1994 AH ₂	1994 08 04.88654	18 16 44.25	-06 45 31.0	18.5 R	r 540
1994 AH ₂	1994 08 04.89096	18 16 44.30	-06 45 38.2		r 540
1994 AH ₂	1994 08 04.89518	18 16 44.45	-06 45 43.9		r 540
1994 LW	1994 07 29.89214	16 27 12.14	+32 46 43.2	17.1 R	540
1994 LW	1994 07 29.89661	16 27 12.67	+32 46 48.0	17.3 R	540
1994 LW	1994 07 29.90003	16 27 13.18	+32 46 54.6	17.1 R	540
1994 LW	1994 07 29.90352	16 27 13.66	+32 46 57.7	17.2 R	540
1994 LW	1994 08 04.92448	16 43 30.16	+34 19 38.7	17.7 R	540
1994 LW	1994 08 04.92814	16 43 30.92	+34 19 41.4	17.1 R	540
1994 LW	1994 08 04.94204	16 43 33.35	+34 19 52.8	17.7 R	540

552 San Vittore

E. Colombini, Via S. Vittore 44, I-40136 Bologna, Italy [astrofil@astbo1.bo.cnr.it]

Observers C. Vacchi, G. Sassi, V. Goretti, R. Di Luca, E. Colombini

0.25-m *f*/2.5 Schmidt + CCD

GSC

1987 MC	1994 08 02.85721	16 48 23.00	-09 55 22.7		552
1987 MC	1994 08 02.86508	16 48 23.30	-09 55 28.2		552
1987 MC	1994 08 02.87692	16 48 23.73	-09 55 34.2		552
1994 NP	1994 07 11.87271	19 13 03.94	-10 30 44.5		552
1994 NP	1994 07 11.88881	19 13 03.00	-10 30 40.2		552
1994 NP	1994 07 11.90462	19 13 02.06	-10 30 34.5		552
1994 NP	1994 07 12.86727	19 12 06.63	-10 25 53.0		552
1994 NP	1994 07 12.88763	19 12 05.36	-10 25 46.5		552
1994 NP	1994 07 12.92074	19 12 03.38	-10 25 40.1		552
1994 NP	1994 07 15.85678	19 09 14.68	-10 12 05.8		552
1994 NP	1994 07 15.87079	19 09 13.93	-10 12 01.9		552
1994 NP	1994 07 15.88311	19 09 13.09	-10 11 58.3		552
1994 NP	1994 07 30.85136	18 56 42.28	-09 22 07.4		552
1994 NP	1994 07 30.87562	18 56 41.19	-09 22 03.1		552
1994 NP	1994 07 30.91876	18 56 39.36	-09 21 57.1		552
1994 NP	1994 08 02.90933	18 54 43.11	-09 15 46.3		552
1994 NP	1994 08 02.92778	18 54 42.49	-09 15 45.3		552
1994 NP	1994 08 02.96324	18 54 41.08	-09 15 43.5		552
(5987)	1994 06 08.92551	16 11 01.50	-11 02 32.0		552
(5987)	1994 06 08.93799	16 11 00.89	-11 02 30.8		552
(5987)	1994 06 08.94494	16 11 00.50	-11 02 30.2		552

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Observers P. Pravec, M. Wolf, M. Varady, P. Kubicek, P. Barta, M. Velen

Measurer P. Pravec

0.65-m *f*/3.6 reflector + CCD

GSC

(1864)	1994 03 05.06234	13 32 42.70	-07 58 07.3		557
(1864)	1994 03 05.06810	13 32 42.34	-07 58 08.8		557
(1864)	1994 03 05.09053	13 32 40.93	-07 58 15.4		557
(1864)	1994 03 05.09628	13 32 40.55	-07 58 17.1		557
(1864)	1994 04 05.89598	12 24 38.43	-09 47 08.7	15.48V	557
(1864)	1994 04 05.91434	12 24 34.82	-09 47 10.3	15.57V	557
(1864)	1994 04 05.99808	12 24 18.35	-09 47 17.1	15.75V	557

(1864)	1994 04 06.01372	12 24 15.30	-09 47 18.3	15.59V	557
(1864)	1994 04 07.90515	12 18 05.46	-09 49 34.4		557
(1864)	1994 04 07.91831	12 18 02.80	-09 49 35.3		557
(1864)	1994 04 08.01466	12 17 43.38	-09 49 41.0		557
(1864)	1994 04 08.02041	12 17 42.23	-09 49 41.2		557
(1864)	1994 04 28.82777	11 08 35.91	-09 47 52.0		r 557
(1864)	1994 04 28.87330	11 08 27.52	-09 47 50.8		r 557
(3199)	1994 08 09.97093	02 58 20.77	+30 26 56.1		557
(3199)	1994 08 10.01687	02 58 29.57	+30 29 56.9		557
(3199)	1994 08 10.05679	02 58 37.20	+30 32 34.1		557
(3199)	1994 08 10.08787	02 58 43.13	+30 34 36.2		557
(4957)	1994 08 15.89140	03 57 03.08	+65 07 59.6		557
(4957)	1994 08 15.97146	03 57 29.47	+65 08 14.1		557
(4957)	1994 08 16.00441	03 57 40.30	+65 08 19.9		557
(4957)	1994 08 16.04742	03 57 54.35	+65 08 27.7		557
(4957)	1994 08 16.08942	03 58 07.99	+65 08 35.1		557
(4957)	1994 08 16.82758	04 02 09.44	+65 10 02.8		557
(4957)	1994 08 16.85315	04 02 17.96	+65 10 06.5		557
(4957)	1994 08 16.87699	04 02 25.71	+65 10 10.5		557
(4957)	1994 08 17.04514	04 03 20.71	+65 10 33.6		557
(4957)	1994 08 17.05994	04 03 25.62	+65 10 35.3		557

563 Seewalchen

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Observer M. Bressler

0.25-m *f*/6 reflector + CCD

GSC

1990 KM	1994 08 05.89931	20 54 54.72	+16 43 20.0		563
1990 KM	1994 08 05.90637	20 54 54.14	+16 43 15.0		563
1990 KM	1994 08 05.91481	20 54 53.59	+16 43 12.7		563
1990 KM	1994 08 05.93582	20 54 52.51	+16 43 07.4		563
1991 CZ	1994 07 02.92130	18 02 51.03	+18 11 05.2		563
1991 CZ	1994 07 02.92684	18 02 50.68	+18 11 01.4		563
1991 CZ	1994 07 02.92907	18 02 50.57	+18 11 00.9		563
1991 CZ	1994 07 02.94186	18 02 49.82	+18 10 50.3		563
1991 CZ	1994 07 02.94450	18 02 49.59	+18 10 46.8		563
1991 JF ₁	1994 07 04.85347	15 55 59.80	+09 50 23.5		563
1991 JF ₁	1994 07 04.86242	15 55 59.58	+09 50 24.3		563
1991 JF ₁	1994 07 04.87220	15 55 59.36	+09 50 25.7		563
1991 JF ₁	1994 07 04.87696	15 55 59.20	+09 50 28.3		563
1991 JF ₁	1994 07 04.88216	15 55 59.07	+09 50 27.9		563
(6041)	1994 07 30.92058	21 09 10.92	+07 18 21.8		563
(6041)	1994 07 30.92712	21 09 10.71	+07 18 20.0		563
(6041)	1994 07 30.93463	21 09 10.49	+07 18 18.8		563
(6041)	1994 07 30.94170	21 09 10.39	+07 18 15.9		563

568 Mauna Kea Observatory

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Observers D. J. Tholen, R. Whiteley

Measurer R. Whiteley

2.24-m reflector + CCD

GSC

1990 VB	1994 07 08.58788	01 22 51.69	+29 15 59.3		568
1992 TC	1994 07 08.58177	23 52 24.22	-14 01 51.7		568
1994 NK ₁	* 1994 07 06.29954	12 02 54.18	-00 16 46.0		568
1994 NK ₁	1994 07 06.31153	12 02 54.88	-00 16 50.2		568
1994 NK ₁	1994 07 07.27745	12 03 51.21	-00 22 35.6	22.4 V	568
1994 NK ₁	1994 07 07.28975	12 03 51.94	-00 22 40.0		568
(3124)	1994 07 06.61480	21 39 04.05	-09 01 12.2		568
(3124)	1994 07 08.56647	21 38 29.02	-09 05 33.9		568
(3124)	1994 07 08.57312	21 38 28.88	-09 05 34.8		568

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Observers P. Sicoli, M. Cavagna, E. Galliani, A. Testa, V. Giuliani, E. Colzani,
P. Ghezzi

0.5-m reflector + CCD

GSC					
1993 KM	1994 08 12.07421	01 51 31.88	+04 20 28.3		587
1993 KM	1994 08 12.08927	01 51 31.97	+04 20 22.9	18.5 V	587
1994 CB	1994 08 02.91347	21 10 18.74	-16 45 55.8		587
1994 CB	1994 08 02.91573	21 10 17.41	-16 45 21.9		587
1994 CB	1994 08 02.92947	21 10 08.63	-16 41 38.9		587
1994 CB	1994 08 03.87552	21 01 16.91	-12 34 27.0		587
1994 CB	1994 08 03.88031	21 01 14.22	-12 33 13.3		587
1994 CB	1994 08 05.86727	20 45 26.27	-04 54 05.3		587
1994 CB	1994 08 05.87251	20 45 23.78	-04 52 59.9		587
1994 CB	1994 08 05.87442	20 45 22.97	-04 52 36.0		587
1994 LW	1994 07 07.86478	15 40 37.59	+22 21 51.7		587
1994 LW	1994 07 07.87140	15 40 38.19	+22 22 07.8	16.8 V	587
1994 LW	1994 08 02.88671	16 37 50.72	+33 51 38.8		587
1994 LW	1994 08 02.89247	16 37 51.69	+33 51 43.4		587
1994 LW	1994 08 05.84415	16 46 06.99	+34 31 17.2		587
1994 LW	1994 08 05.85152	16 46 08.25	+34 31 21.3		587
1994 LX	1994 07 15.98069	20 05 37.13	-27 32 27.0		587
1994 LX	1994 07 15.98279	20 05 36.73	-27 32 32.3		587
1994 LX	1994 07 15.98564	20 05 36.35	-27 32 41.4		587
1994 PC	1994 08 08.93853	20 01 53.87	-26 48 22.5	16.0 V	587
1994 PC	1994 08 11.93483	19 58 38.02	-28 51 08.6		587
1994 PC	1994 08 11.93835	19 58 37.76	-28 51 17.3		587
1994 PM	1994 08 12.02444	21 15 01.65	-11 59 46.9		587
1994 PM	1994 08 12.02734	21 14 59.81	-12 00 13.7		587
1994 PM	1994 08 12.96414	21 04 06.59	-14 43 15.2		587
1994 PM	1994 08 12.96545	21 04 05.48	-14 43 31.0		587
1994 PM	1994 08 12.96809	21 04 03.27	-14 44 02.2		587
(2463)	1994 07 07.88598	18 08 41.46	-03 38 04.1		587
(2463)	1994 07 07.89656	18 08 40.89	-03 38 04.8		587
(2463)	1994 07 07.91047	18 08 40.17	-03 38 07.3		587

589 Santa Lucia Stroncone

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Observers A. Vagnozzi, V. Risoldi, E. Gregori, F. Lombardi
Measurer A. Vagnozzi0.50-m $f/2.8$ Ritchey-Chrétien + CCD

GSC					
1994 NA	1994 07 04.90054	19 48 37.54	-20 10 43.8	18.0 V	589
1994 NA	1994 07 04.91352	19 48 36.94	-20 10 50.2		589
1994 NA	1994 07 07.91082	19 45 58.69	-20 30 44.3	18.0 V	589
1994 NA	1994 07 07.92463	19 45 58.04	-20 30 49.8		I 589
1994 NA	1994 07 07.93652	19 45 57.30	-20 30 54.8		589
1994 NA	1994 07 09.90611	19 44 09.86	-20 44 09.9		589
1994 NA	1994 07 09.91543	19 44 09.28	-20 44 13.9		589
1994 NA	1994 07 12.86865	19 41 24.62	-21 04 10.4	17.8 V	589
1994 NA	1994 07 12.89044	19 41 23.38	-21 04 18.5		589
1994 NA	1994 07 14.94524	19 39 27.20	-21 18 09.0		589
1994 NA	1994 07 14.96001	19 39 26.23	-21 18 14.8		589
1994 NA	1994 07 15.97393	19 38 28.80	-21 25 03.5	17.9 V	589
1994 NA	1994 07 15.98345	19 38 28.17	-21 25 06.7		589
1994 NA	1994 07 15.99440	19 38 27.51	-21 25 11.6		589
(5609)	1994 07 07.88263	18 55 20.38	-25 05 49.4	15.9 V	589
(5609)	1994 07 07.89036	18 55 19.92	-25 05 49.6		589
(5609)	1994 07 07.89944	18 55 19.43	-25 05 50.1		589

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[bittesini@38439.span]

Observers E. Pettarin, G. Lombardi, A. Toso

Measurers E. Pettarin, A. Toso

0.4-m $f/4.5$ reflector + CCD

GSC					
1988 JB ₁	1994 08 15.91219	22 25 27.87	-10 01 25.6	18.2 V	595
1988 JB ₁	1994 08 15.92868	22 25 27.06	-10 01 38.4		595
1988 JB ₁	1994 08 16.97196	22 24 39.54	-10 13 48.9		595
1988 JB ₁	1994 08 16.99932	22 24 38.21	-10 14 09.6		595
1994 GW	1994 05 31.89951	12 54 06.62	+05 49 22.0	17.1 V	595
1994 GW	1994 05 31.91528	12 54 06.49	+05 49 13.4		595
1994 GW	1994 05 31.92932	12 54 06.44	+05 49 07.1		595
1994 NC	1994 08 05.96318	20 06 29.54	-07 41 35.9		595
1994 NC	1994 08 05.99187	20 06 28.09	-07 41 48.2		595
1994 NC	1994 08 07.89076	20 04 56.83	-07 55 15.7	17.4 V	595
1994 NC	1994 08 07.90780	20 04 55.96	-07 55 24.6		595
1994 PB ₁	1994 08 15.95380	22 26 32.56	-08 52 11.0	18.0 V	595
1994 PB ₁	* 1994 08 15.97358	22 26 31.61	-08 52 19.1		595
1994 PB ₁	1994 08 16.95351	22 25 43.76	-08 59 26.8		595
1994 PB ₁	1994 08 16.98306	22 25 42.23	-08 59 40.4		595

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Observers V. S. Casulli, S. Valentini

0.31-m $f/2.8$ Baker-Schmidt + CCD

GSC					
1978 VL ₅	1994 07 03.91132	19 28 59.73	-18 25 52.5		596
1978 VL ₅	1994 07 03.92900	19 28 58.65	-18 25 49.6		596
1978 VL ₅	1994 07 03.93748	19 28 58.19	-18 25 48.2		596
1988 BX	1994 07 03.96961	21 07 39.79	-11 11 37.7		596

1988 BX	1994 07 03.98059	21 07 39.15	-11 11 29.2	596	1991 UK ₂	1994 07 28.38681	21 22 37.40	-04 43 28.6	657
1988 BX	1994 07 03.99047	21 07 38.57	-11 11 20.5	596	1991 UK ₂	1994 07 28.39132	21 22 37.22	-04 43 28.4	657
1990 TR ₁₂	1994 07 10.85773	20 03 15.05	-07 44 14.7	596	1991 UK ₂	1994 08 10.31091	21 10 56.05	-05 41 38.9	657
1990 TR ₁₂	1994 07 10.87650	20 03 14.15	-07 44 13.9	596	1991 UK ₂	1994 08 10.31341	21 10 55.94	-05 41 39.3	657
1990 TR ₁₂	1994 07 10.89483	20 03 13.23	-07 44 14.7	596	1993 FO ₃₆	1994 07 28.36954	21 04 10.74	-04 03 00.5	657
1991 UV	1994 07 08.93319	20 47 15.08	-14 00 09.3	596	1993 FO ₃₆	1994 07 28.37394	21 04 10.37	-04 03 02.1	657
1991 UV	1994 07 08.95558	20 47 14.24	-14 00 13.8	596	1993 FO ₃₆	1994 07 28.37814	21 04 10.35	-04 03 03.8	657
1993 CC	1994 07 14.89591	20 14 37.18	-14 11 41.3	I 596	1994 CB	1994 08 10.25809	20 20 41.80	+07 19 57.2	657
1993 CC	1994 07 14.91413	20 14 36.22	-14 11 52.0	596	1994 CB	1994 08 10.26083	20 20 41.10	+07 20 20.2	657
1993 CC	1994 07 14.93212	20 14 35.23	-14 12 02.6	I 596	1994 LW	1994 07 19.24744	16 01 57.73	+28 45 15.3	657
1993 CC	1994 07 16.90259	20 12 55.49	-14 28 41.6	596	1994 LW	1994 07 19.24928	16 01 58.00	+28 45 18.0	657
1993 CC	1994 07 16.91858	20 12 54.71	-14 28 49.5	596	1994 LW	1994 07 19.25096	16 01 58.26	+28 45 22.4	657
1993 CC	1994 07 16.92986	20 12 54.25	-14 28 54.9	596	1994 LW	1994 08 10.23220	16 58 57.86	+35 17 26.2	657
1994 AH ₂	1994 06 30.84093	18 03 38.10	+21 17 03.0	596	1994 LW	1994 08 10.23499	16 58 58.54	+35 17 24.2	657
1994 AH ₂	1994 06 30.84706	18 03 38.15	+21 16 27.5	596	1994 LW	1994 08 10.23799	16 58 58.98	+35 17 28.7	657
1994 AH ₂	1994 06 30.85402	18 03 38.21	+21 15 48.4	596	1994 PM	1994 08 10.33509	21 28 54.92	-08 26 14.6	657
1994 AH ₂	1994 06 30.86083	18 03 38.25	+21 15 08.6	596	1994 PM	1994 08 10.33697	21 28 54.12	-08 26 26.3	657
1994 NX	* 1994 07 14.89591	20 13 48.89	-14 15 44.0	16.9 V 596	1994 PM	1994 08 10.33868	21 28 53.41	-08 26 36.8	657
1994 NX	1994 07 14.91413	20 13 47.98	-14 15 51.1	596	1994 PP	1994 08 13.32187	22 28 03.84	+08 03 42.8	657
1994 NX	1994 07 14.93212	20 13 47.06	-14 15 57.0	596	1994 PP	1994 08 13.35799	22 28 00.32	+08 04 25.7	657
1994 NX	1994 07 16.90259	20 12 17.69	-14 25 32.1	596	(16)	1994 07 19.42515	21 03 51.39	-14 49 17.9	657
1994 NX	1994 07 16.91858	20 12 17.00	-14 25 40.6	596	(16)	1994 07 19.42780	21 03 51.27	-14 49 18.3	657
1994 NX	1994 07 16.92986	20 12 16.56	-14 25 45.6	596	(16)	1994 07 19.43062	21 03 51.16	-14 49 19.0	657
(58)	1994 07 05.85465	18 52 39.11	-15 56 26.4	596	(194)	1994 07 19.25834	17 09 09.43	+05 10 01.6	657
(58)	1994 07 05.87781	18 52 37.79	-15 56 30.3	596	(194)	1994 07 19.26708	17 09 09.26	+05 09 55.7	657
(58)	1994 07 05.89921	18 52 36.61	-15 56 33.7	596	(194)	1994 07 19.27125	17 09 09.15	+05 09 52.3	657
(653)	1994 06 28.84819	17 54 28.33	-12 01 16.9	596	(216)	1994 07 19.43635	23 27 15.42	+13 56 35.0	657
(653)	1994 06 28.86068	17 54 27.74	-12 01 18.6	596	(216)	1994 07 19.44788	23 27 15.66	+13 56 39.2	657
(653)	1994 06 28.87971	17 54 26.86	-12 01 22.0	596	(216)	1994 07 19.45259	23 27 15.75	+13 56 40.8	657
(1464)	1994 05 21.87520	16 00 27.20	-12 34 18.7	596	(5261)	1994 08 10.42853	00 51 45.64	+46 09 10.6	657
(1464)	1994 05 21.89583	16 00 25.91	-12 34 17.8	I 596	(5261)	1994 08 10.43249	00 51 45.66	+46 09 14.3	657
(1464)	1994 05 21.90958	16 00 25.44	-12 34 18.4	I 596	(5261)	1994 08 10.43589	00 51 45.73	+46 09 18.9	657
(5987)	1994 06 05.83863	16 13 48.88	-11 08 09.3	596					
(5987)	1994 06 05.86378	16 13 47.45	-11 08 07.6	596					
(5987)	1994 06 05.87650	16 13 46.73	-11 08 06.8	596					
(6018)	1994 07 05.85465	18 53 48.40	-15 49 20.8	596					
(6018)	1994 07 05.87781	18 53 46.87	-15 49 29.6	596					
(6018)	1994 07 05.89921	18 53 45.63	-15 49 36.0	596					
(6049)	1994 07 08.87228	19 26 09.39	-17 33 54.5	596					
(6049)	1994 07 08.89633	19 26 08.01	-17 33 58.3	596					

657 Victoria, Climenhaga Observatory

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Observers D. D. Balam, J. B. Tatum
0.5-m reflector + CCD

1980 DX	1994 07 28.35586	20 46 25.77	-09 43 10.9	657
1980 DX	1994 07 28.35980	20 46 25.58	-09 43 14.1	657
1980 DX	1994 07 28.36384	20 46 25.44	-09 43 16.1	657
1991 UB ₂	1994 08 10.32390	21 33 37.25	-02 29 40.0	657
1991 UB ₂	1994 08 10.32699	21 33 37.03	-02 29 41.4	657
1991 UB ₂	1994 08 10.33013	21 33 36.88	-02 29 42.6	657
1991 UK ₂	1994 07 28.38270	21 22 37.66	-04 43 26.9	657

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Observers D. D. Balam, J. B. Tatum

Measurer D. D. Balam

1.82-m Plaskett telescope + CCD

GSC

1989 WW	1994 03 06.39581	10 49 48.94	+16 24 01.0	658
1989 WW	1994 03 06.39825	10 49 48.79	+16 24 01.9	658
1989 WW	1994 03 06.40106	10 49 48.61	+16 24 02.9	658

670 Camarillo

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[72401.3174@compuserve.com]

0.25-m Schmidt-Cassegrain + CCD

GSC

1994 CB	1994 08 02.29601	21 16 40.32	-19 35 50.4	16.0 V 670
1994 CB	1994 08 02.31128	21 16 29.85	-19 31 35.3	670
1994 CB	1994 08 02.31892	21 16 24.48	-19 29 27.3	670
1994 CB	1994 08 03.22309	21 07 19.85	-15 22 45.4	15.7 V 670

1994 CB	1994 08 03.23698	21 07 11.25	-15 19 05.0	670	1984 KB	1994 06 04.41180	19 32 28.73	-09 47 43.2	3 675
1994 CB	1994 08 03.24045	21 07 09.16	-15 18 10.9	670	1984 KB	1994 06 08.37552	19 20 43.51	-10 16 38.8	3 675
1994 CB	1994 08 03.24392	21 07 07.06	-15 17 15.0	670	1984 KB	1994 07 04.26788	18 14 17.33	-13 26 13.3	17.0 2 675
1994 OA	1994 08 02.23003	20 11 15.11	-26 25 46.6	16.0 V 670	1984 KB	1994 07 04.29965	18 14 13.35	-13 26 23.4	2 675
1994 OA	1994 08 02.23698	20 11 14.10	-26 25 35.6	670	1986 PF	1994 07 03.24826	16 49 59.47	-19 39 32.9	16.0 2 675
1994 OA	1994 08 02.24462	20 11 12.98	-26 25 25.8	670	1986 PF	1994 07 03.27188	16 49 58.47	-19 39 28.1	2 675
1994 PC	1994 08 06.20373	20 04 58.00	-24 59 13.0	16.5 V 670	1986 PF	1994 07 06.25868	16 48 09.71	-19 31 45.9	2 675
1994 PC	1994 08 06.20720	20 04 57.79	-24 59 21.4	670	1986 PF	1994 07 06.29306	16 48 08.36	-19 31 41.0	2 675
1994 PC	1994 08 06.21487	20 04 57.15	-24 59 40.1	670	1986 RE ₂	1994 07 06.41632	20 39 16.68	-17 08 43.0	16.0 2 675
1994 PC	1994 08 06.22179	20 04 56.54	-24 59 56.5	670	1986 RE ₂	1994 07 06.44826	20 39 14.86	-17 08 34.1	2 675
1994 PC	1994 08 06.22873	20 04 56.11	-25 00 12.7	670	1986 RE ₂	1994 07 08.40642	20 37 24.35	-16 59 43.3	2 675
1994 PC	1994 08 07.19332	20 03 51.88	-25 38 15.4	16.0 V 670	1986 RE ₂	1994 07 08.43490	20 37 22.82	-16 59 36.3	2 675
1994 PC	1994 08 07.21496	20 03 50.12	-25 39 10.1	670	1989 GH	1994 07 06.37014	20 36 51.79	-11 46 30.1	16.5 2 675
1994 PC	1994 08 07.24054	20 03 48.05	-25 40 10.6	670	1989 GH	1994 07 06.39757	20 36 50.62	-11 46 40.2	2 675
1994 PD	1994 08 06.26684	21 11 23.50	-17 44 37.5	15.5 V 670	1989 GH	1994 07 08.34601	20 35 30.63	-11 59 00.1	2 675
1994 PD	1994 08 06.27378	21 11 23.20	-17 44 50.7	670	1989 GH	1994 07 08.36858	20 35 29.50	-11 59 09.8	2 675
1994 PD	1994 08 06.28073	21 11 22.83	-17 45 02.8	670	1989 GM	1994 07 05.44097	21 19 17.97	-19 18 29.7	16.5 2 675
1994 PD	1994 08 06.29462	21 11 22.17	-17 45 26.9	670	1989 GM	1994 07 05.46181	21 19 17.45	-19 18 45.5	2 675
1994 PD	1994 08 06.31267	21 11 21.28	-17 45 59.1	670	1989 GM	1994 07 06.42222	21 18 55.89	-19 30 08.3	2 675
1994 PD	1994 08 06.33353	21 11 20.26	-17 46 35.5	670	1989 GM	1994 07 06.45365	21 18 55.14	-19 30 30.8	2 675
1994 PD	1994 08 07.27179	21 10 39.52	-18 13 59.6	15.7 V 670	1989 WW	1992 07 05.34497	19 43 54.09	-23 34 26.8	16.0 2 675
1994 PD	1994 08 07.29262	21 10 38.54	-18 14 35.9	670	1989 WW	1992 07 05.37188	19 43 52.47	-23 34 39.6	2 675
1994 PD	1994 08 07.31704	21 10 37.40	-18 15 18.5	670	1990 FR	1994 07 03.19427	11 59 09.51	+14 54 21.3	17.0 2 675
1994 PM	1994 08 15.24835	20 17 31.22	-25 08 19.6	13.5 V 670	1990 FR	1994 07 03.21736	11 59 12.13	+14 53 58.3	2 675
1994 PM	1994 08 15.25356	20 17 21.33	-25 10 15.8	670	1990 OD	1994 07 03.24201	16 26 41.63	-10 23 19.0	15.5 2 675
1994 PM	1994 08 15.26050	20 17 08.11	-25 12 49.7	670	1990 OD	1994 07 03.26597	16 26 41.43	-10 23 10.7	2 675
1994 PM	1994 08 15.27161	20 16 46.82	-25 16 57.2	670	1990 OD	1994 07 05.21406	16 26 05.38	-10 14 22.5	2 675
1994 PM	1994 08 15.29175	20 16 08.01	-25 24 26.4	670	1990 OD	1994 07 05.24375	16 26 04.71	-10 14 14.3	2 675
1994 PP	1994 08 15.16901	22 25 13.12	+08 39 36.9	14.5 V 670	1990 OE ₂	1994 07 06.41632	20 37 46.26	-18 12 17.7	15.5 2 675
1994 PP	1994 08 15.18915	22 25 11.18	+08 39 58.6	670	1990 OE ₂	1994 07 06.44826	20 37 45.03	-18 12 36.3	2 675
1994 PP	1994 08 15.20859	22 25 09.35	+08 40 20.6	670	1990 OE ₂	1994 07 08.40642	20 36 32.71	-18 32 19.6	2 675
1994 PP	1994 08 15.23093	22 25 07.20	+08 40 47.0	670	1990 OE ₂	1994 07 08.43490	20 36 31.55	-18 32 36.1	2 675
675 Palomar					1991 GN	1994 07 04.21372	16 19 36.47	+11 48 04.0	15.5 2 675
E. Helin, MS 183-501, Jet Propulsion Laboratory, Pasadena, CA 91109, U.S.A.					1991 GN	1994 07 04.23594	16 19 35.63	+11 48 04.6	2 675
[efh051@mipl3.jpl.nasa.gov] (2)					1991 GN	1994 07 08.20573	16 17 50.39	+11 40 16.0	2 675
C. Shoemaker, P.O. Box 984, Flagstaff, AZ 86002, U.S.A.					1991 GN	1994 07 08.23420	16 17 49.74	+11 40 10.3	2 675
[gshoemaker@iflag2.wr.usgs.gov] (3)					1991 JF ₁	1994 07 06.25122	15 55 27.17	+09 54 28.2	15.0 2 675
C. J. van Houten, Sterrewacht Leiden, Postbus 9513, NL-2300 RA Leiden, The Netherlands [vanhouten@rulhl1.leidenuniv.nl] (4)					1991 JF ₁	1994 07 06.28420	15 55 26.37	+09 54 34.1	2 675
Observers J. Alu (2, S), T. Gehrels (4, L), E. F. Helin (2, S), H. E. Holt (3, S), K. Lawrence (2, S), D. H. Levy (3, S), C. S. Shoemaker (3, S), E. M. Shoemaker (3, S), T. B. Spahr (3, S), K. Yau (2, S)					1991 JF ₁	1994 07 08.20000	15 54 48.87	+09 59 03.0	2 675
Mesurers J. Alu (2), H. E. Holt (3), K. Lawrence (2), C. S. Shoemaker (3), E. M. Shoemaker (3), C. J. van Houten (4), I. van Houten-Groeneveld (4), A. Wisse (4)					1991 JF ₁	1994 07 08.22882	15 54 48.24	+09 59 05.6	2 675
					1992 WY ₄	1994 07 04.32778	19 10 46.81	-11 39 43.3	16.0 2 675
					1992 WY ₄	1994 07 04.35382	19 10 44.55	-11 39 29.3	2 675
					1992 WY ₄	1994 07 07.33663	19 06 42.11	-11 13 44.0	2 675
					1992 WY ₄	1994 07 07.36406	19 06 39.90	-11 13 30.4	2 675
					1994 LW	1994 07 06.20035	15 38 03.07	+21 13 40.0	2 675
1978 RK ₁	1994 07 04.33559	19 23 11.93	-22 58 07.9	16.5 2 675	1994 LW	1994 07 06.22387	15 38 04.86	+21 14 39.0	2 675
1978 RK ₁	1994 07 04.36250	19 23 10.51	-22 58 12.6	2 675	1994 LZ	1994 07 03.24826	16 50 24.86	-15 35 08.1	16.5 2 675
1978 RK ₁	1994 07 07.34392	19 20 40.46	-23 05 44.3	2 675	1994 LZ	1994 07 03.27188	16 50 23.33	-15 35 35.9	2 675
1978 RK ₁	1994 07 07.37083	19 20 39.01	-23 05 47.1	2 675	1994 LK ₁	1994 07 04.25347	17 12 34.02	-04 59 13.4	16.0 2 675
1978 VL ₅	1994 07 03.34306	19 29 31.67	-18 27 13.4	15.0 2 675	1994 LK ₁	1994 07 04.28438	17 12 32.55	-04 59 30.0	2 675
1978 VL ₅	1994 07 03.38073	19 29 29.33	-18 27 07.3	2 675	1994 LK ₁	1994 07 07.20625	17 10 28.47	-05 25 24.7	2 675
1978 VL ₅	1994 07 06.31233	19 26 41.03	-18 20 13.9	2 675	1994 LK ₁	1994 07 07.23854	17 10 27.04	-05 25 41.9	2 675

1994 NB	1994 06 07.30313	16 11 12.88	+23 31 49.9	16	3 675	1994 PC	* 1994 08 01.25295	20 10 23.93	-21 52 29.2	15.5	3 675
1994 NB	1994 06 07.33246	16 11 11.46	+23 31 17.1		3 675	1994 PC	1994 08 01.28576	20 10 21.53	-21 53 42.5		3 675
1994 NB	1994 07 06.24531	16 01 19.14	+11 59 21.3		2 675	1994 PC	1994 08 03.26024	20 08 13.55	-23 06 17.3		3 675
1994 NB	1994 07 06.27778	16 01 19.18	+11 58 28.5		2 675	1994 PC	1994 08 03.29288	20 08 11.00	-23 07 32.7		3 675
1994 NT	* 1994 07 04.38090	19 54 43.97	-19 39 57.0	16.0	2 675	1994 PC	1994 08 04.26909	20 07 06.63	-23 44 26.9		3 675
1994 NT	1994 07 04.40451	19 54 42.47	-19 40 24.2		2 675	1994 PC	1994 08 04.30017	20 07 04.17	-23 45 37.3		3 675
1994 NT	1994 07 08.29549	19 50 56.54	-20 52 15.4		2 675	1994 PC	1994 08 06.23246	20 04 55.62	-25 00 22.9		3 675
1994 NT	1994 07 08.32431	19 50 54.77	-20 52 48.4		2 675	1994 PC	1994 08 06.26892	20 04 52.80	-25 01 48.3	16	3 675
1994 NU	* 1994 07 05.36979	19 30 49.18	-25 16 09.4	16.5	2 675	1994 PD	* 1994 08 01.26840	21 14 59.17	-15 15 38.2	15	3 675
1994 NU	1994 07 05.39687	19 30 47.30	-25 16 34.0		2 675	1994 PD	1994 08 01.30121	21 14 57.54	-15 16 39.9		3 675
1994 NU	1994 07 08.26007	19 27 40.41	-26 03 35.3		2 675	1994 PD	1994 08 03.33107	21 13 30.88	-16 17 38.1		3 675
1994 NU	1994 07 08.28715	19 27 38.27	-26 04 03.1		2 675	1994 PD	1994 08 03.36180	21 13 29.54	-16 18 28.9		3 675
1994 NV	* 1994 07 05.36979	19 33 23.55	-26 44 40.7	16.0	2 675	1994 PD	1994 08 04.33906	21 12 47.22	-16 47 41.4		3 675
1994 NV	1994 07 05.39687	19 33 21.70	-26 44 35.0		2 675	1994 PD	1994 08 04.36890	21 12 45.80	-16 48 34.7		3 675
1994 NV	1994 07 08.26007	19 30 31.03	-26 33 27.9		2 675	1994 PM	1994 08 01.32864	21 57 21.64	-00 55 44.5		3 675
1994 NV	1994 07 08.28715	19 30 29.26	-26 33 22.2		2 675	1994 PM	* 1994 08 01.35850	21 57 18.82	-00 56 24.3	16.5	3 675
1994 NW	* 1994 07 05.36979	19 48 25.34	-30 17 03.6	16.0	2 675	1994 PM	1994 08 02.32326	21 55 52.06	-01 19 35.3		3 675
1994 NW	1994 07 05.39687	19 48 23.92	-30 17 18.3		2 675	1994 PM	1994 08 02.35451	21 55 48.60	-01 20 23.3		3 675
1994 NW	1994 07 08.26007	19 46 04.38	-30 41 24.9		2 675	1994 PM	1994 08 07.30833	21 43 43.20	-04 32 45.5	15.5	3 675
1994 NW	1994 07 08.28715	19 46 02.99	-30 41 39.8		2 675	1994 PM	1994 08 07.33732	21 43 36.41	-04 34 25.2		3 675
1994 NY	* 1994 07 03.34306	19 22 49.37	-13 36 42.4	16.5	2 675	1994 PM	1994 08 09.32135	21 34 55.80	-06 51 43.4	14.5	2 675
1994 NY	1994 07 03.38073	19 22 47.75	-13 37 10.1		2 675	1994 PM	1994 08 09.33837	21 34 49.89	-06 53 09.5		2 675
1994 NY	1994 07 06.31233	19 20 38.06	-14 11 26.4		2 675	1994 PP	* 1994 08 11.35521	22 30 59.06	+07 24 52.4	15.0	2 675
1994 NY	1994 07 06.33663	19 20 36.82	-14 11 42.2		2 675	1994 PP	1994 08 11.38403	22 30 56.53	+07 25 32.2		2 675
1994 NZ	* 1994 07 04.38090	19 42 40.21	-22 44 24.5	17.0	2 675	1994 PP	1994 08 11.44601	22 30 50.87	+07 26 40.4	15.0	2 675
1994 NZ	1994 07 04.40451	19 42 38.16	-22 44 09.8		2 675	1994 PR ₁	* 1994 08 01.25295	20 18 41.75	-16 59 13.7	16.5	3 675
1994 NZ	1994 07 05.33368	19 41 28.96	-22 33 54.8		2 675	1994 PR ₁	1994 08 01.28576	20 18 36.03	-16 57 29.8		3 675
1994 NZ	1994 07 05.35642	19 41 27.21	-22 33 39.4		2 675	1994 PR ₁	1994 08 03.24496	20 12 56.03	-15 11 17.3		3 675
1994 NA ₁	* 1994 07 05.36979	19 36 09.55	-27 00 05.1	17.0	2 675	1994 PR ₁	1994 08 03.27708	20 12 50.37	-15 09 31.7		3 675
1994 NA ₁	1994 07 05.39687	19 36 07.99	-27 00 01.0		2 675	2025 P-L	* 1960 09 24.45000	00 42 28.39	+07 02 22.7	18.0	4 675
1994 NA ₁	1994 07 08.26007	19 33 20.87	-26 50 34.8		2 675	2025 P-L	1960 09 26.37010	00 40 59.99	+06 57 01.1		4 675
1994 NA ₁	1994 07 08.28715	19 33 19.23	-26 50 30.7		2 675	2025 P-L	1960 09 28.45140	00 39 23.26	+06 51 03.9		4 675
1994 NB ₁	* 1994 07 05.36979	19 36 27.05	-27 04 33.7	16.0	2 675	2025 P-L	1960 10 17.30420	00 25 10.93	+05 54 24.8		4 675
1994 NB ₁	1994 07 05.39687	19 36 25.55	-27 04 50.8		2 675	2025 P-L	1960 10 22.27920	00 21 52.17	+05 40 27.2		4 675
1994 NB ₁	1994 07 08.26007	19 33 52.24	-27 36 14.4		2 675	2025 P-L	1960 10 25.37570	00 19 57.62	+05 32 23.0		4 675
1994 NB ₁	1994 07 08.28715	19 33 50.51	-27 36 32.5		2 675	2025 P-L	1960 10 26.36840	00 19 22.67	+05 29 55.4		4 675
1994 NC ₁	* 1994 07 05.37691	20 00 25.72	+02 02 47.2	16.0	2 675	4049 P-L	* 1960 09 24.37573	00 28 37.63	+05 04 25.2	18.4	4 675
1994 NC ₁	1994 07 05.41094	20 00 24.32	+02 02 43.3		2 675	4049 P-L	1960 09 25.42780	00 27 55.50	+04 57 15.7		4 675
1994 NC ₁	1994 07 07.39097	19 59 03.35	+01 59 03.4		2 675	4049 P-L	1960 09 26.30558	00 27 20.53	+04 51 14.8		4 675
1994 NC ₁	1994 07 07.41979	19 59 02.13	+01 58 58.5		2 675	4049 P-L	1960 09 28.36808	00 25 57.42	+04 37 01.1		4 675
1994 NF ₁	* 1994 07 04.33559	19 23 06.38	-23 56 45.4	15.5	2 675	4049 P-L	1960 10 17.27085	00 13 57.45	+02 28 16.0		4 675
1994 NF ₁	1994 07 04.36250	19 23 04.78	-23 56 59.8		2 675	4049 P-L	1960 10 17.31529	00 13 55.91	+02 27 59.9		4 675
1994 NF ₁	1994 07 07.34392	19 20 13.38	-24 24 31.4		2 675	4049 P-L	1960 10 22.22293	00 11 23.38	+01 58 05.7		4 675
1994 NF ₁	1994 07 07.37083	19 20 11.51	-24 24 45.7		2 675	4049 P-L	1960 10 24.35836	00 10 23.73	+01 45 55.3		4 675
1994 NG ₁	* 1994 07 04.33559	19 33 50.75	-23 05 57.1	16.0	2 675	4049 P-L	1960 10 26.32573	00 09 33.09	+01 35 08.7		4 675
1994 NG ₁	1994 07 04.36250	19 33 48.99	-23 06 05.5		2 675	4637 P-L	* 1960 09 24.41183	00 26 46.44	-01 26 45.0	17.9	4 675
1994 NG ₁	1994 07 07.34392	19 30 44.64	-23 22 24.3		2 675	4637 P-L	1960 09 26.31530	00 25 18.75	-01 45 44.8		4 675
1994 NG ₁	1994 07 07.37083	19 30 42.72	-23 22 33.0		2 675	4637 P-L	1960 09 27.40836	00 24 27.45	-01 56 34.7		4 675
1994 NH ₁	* 1994 07 04.33559	19 21 54.65	-22 59 25.4	17.0	2 675	4637 P-L	1960 10 17.28198	00 10 36.98	-04 42 54.4		4 675
1994 NH ₁	1994 07 04.36250	19 21 53.56	-22 59 23.3		2 675	4637 P-L	1960 10 22.23406	00 08 21.26	-05 09 47.9		4 675
1994 NH ₁	1994 07 07.34392	19 20 04.09	-22 56 07.0		2 675	4637 P-L	1960 10 25.25350	00 07 19.62	-05 22 34.4		4 675
1994 NH ₁	1994 07 07.37083	19 20 02.96	-22 56 05.0		2 675	4637 P-L	1960 10 26.31531	00 07 01.88	-05 26 23.5		4 675

6188 P-L	* 1960 09 24.33613	23 56 33.70	+02 32 53.5	19.2	4 675	1494 T-2	1973 10 05.34167	00 15 19.80	-00 52 53.7	4 675
6188 P-L	1960 09 25.32502	23 55 36.81	+02 25 56.0		4 675	1494 T-2	1973 10 05.37917	00 15 17.75	-00 53 07.6	4 675
6188 P-L	1960 09 26.27573	23 54 42.44	+02 19 14.0		4 675	1494 T-2	1973 10 05.40347	00 15 16.53	-00 53 11.8	4 675
6188 P-L	1960 09 28.32780	23 52 45.55	+02 04 46.2		4 675	3294 T-2	1973 09 29.27986	00 22 50.08	-04 55 28.6	4 675
6188 P-L	1960 10 22.15559	23 34 38.99	-00 22 15.9		4 675	3294 T-2	1973 09 29.34375	00 22 47.11	-04 55 45.5	4 675
6188 P-L	1960 10 26.26113	23 32 49.94	-00 40 00.9		4 675	3294 T-2	1973 09 30.23524	00 22 07.62	-04 59 34.7	4 675
6303 P-L	* 1960 09 24.33613	00 11 16.22	+01 15 08.3	19.0	4 675	3294 T-2	* 1973 09 30.30174	00 22 04.61	-04 59 51.6	17.0 4 675
6303 P-L	1960 09 25.32502	00 10 30.67	+01 09 24.5		4 675	3294 T-2	1973 10 04.31493	00 19 08.28	-05 16 14.4	4 675
6303 P-L	1960 09 26.27573	00 09 46.88	+01 03 52.9		4 675	3294 T-2	1973 10 04.37674	00 19 05.51	-05 16 30.7	4 675
6303 P-L	1960 09 28.32780	00 08 12.37	+00 52 00.2		4 675	3294 T-2	1973 10 05.34167	00 18 24.07	-05 20 15.5	4 675
6303 P-L	1960 10 17.28198	23 55 10.41	-00 47 28.6		4 675	3294 T-2	1973 10 05.40347	00 18 21.29	-05 20 31.0	4 675
6303 P-L	1960 10 22.15559	23 52 37.68	-01 07 26.8		4 675	4096 T-2	1973 09 19.22500	00 34 02.99	-00 07 47.6	4 675
6303 P-L	1960 10 22.23406	23 52 35.36	-01 07 46.0		4 675	4096 T-2	1973 09 19.27865	00 34 00.92	-00 08 14.9	4 675
6303 P-L	1960 10 24.18787	23 51 41.99	-01 14 51.9		4 675	4096 T-2	1973 09 20.30278	00 33 21.95	-00 17 02.8	4 675
6303 P-L	1960 10 25.25350	23 51 14.64	-01 18 32.7		4 675	4096 T-2	1973 09 24.38750	00 30 42.12	-00 52 18.5	4 675
6303 P-L	1960 10 26.26113	23 50 50.26	-01 21 49.5		4 675	4096 T-2	1973 09 24.45434	00 30 39.37	-00 52 53.3	4 675
6303 P-L	1960 10 26.31531	23 50 48.90	-01 22 01.6		4 675	4096 T-2	1973 09 25.28125	00 30 06.50	-01 00 01.9	4 675
2198 T-1	1971 03 24.37118	12 13 23.21	+03 10 57.3		4 675	4096 T-2	1973 09 25.34601	00 30 03.85	-01 00 34.8	4 675
2198 T-1	1971 03 25.24340	12 12 44.59	+03 15 00.7		4 675	4096 T-2	* 1973 09 29.29219	00 27 24.28	-01 34 26.7	18.4 4 675
2198 T-1	* 1971 03 25.28715	12 12 42.75	+03 15 12.1	19.6	4 675	4096 T-2	1973 09 29.35694	00 27 21.49	-01 34 59.5	4 675
2198 T-1	1971 03 26.25208	12 11 59.64	+03 19 38.6		4 675	4096 T-2	1973 09 30.24826	00 26 45.65	-01 42 34.3	4 675
2198 T-1	1971 03 27.31181	12 11 12.45	+03 24 25.5		4 675	4096 T-2	1973 09 30.31476	00 26 42.77	-01 43 07.7	4 675
2198 T-1	1971 04 02.41285	12 06 47.63	+03 50 30.2		4 675	4096 T-2	1973 10 04.32708	00 24 00.98	-02 16 26.0	4 675
1211 T-2	1973 09 19.18611	00 23 24.57	+05 36 43.9		4 675	4096 T-2	1973 10 04.38889	00 23 58.42	-02 16 55.4	4 675
1211 T-2	1973 09 19.23785	00 23 21.46	+05 36 34.7		4 675	4096 T-2	1973 10 05.35382	00 23 20.10	-02 24 45.5	4 675
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1211 T-2	1973 09 29.31806	00 12 52.00	+05 00 25.5		4 675	2218 T-3	* 1977 10 16.26233	01 02 50.97	+11 02 58.4	17.7 4 675
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1211 T-2	1973 10 04.28958	00 07 41.96	+04 40 54.4		4 675	2218 T-3	1977 10 17.33177	01 01 40.78	+11 00 59.3	4 675
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1211 T-2	1973 10 05.31684	00 06 39.06	+04 36 51.2		4 675	2218 T-3	1977 10 21.46910	00 57 16.16	+10 52 49.0	4 675
1211 T-2	1973 10 05.37917	00 06 35.24	+04 36 35.8		4 675	2218 T-3	1977 10 22.41528	00 56 17.63	+10 50 59.0	4 675
1494 T-2	1973 09 19.22500	00 29 07.82	+00 32 21.7		4 675	2218 T-3	1977 10 22.46962	00 56 14.21	+10 50 52.8	4 675
1494 T-2	1973 09 19.27865	00 29 04.82	+00 32 04.5		4 675					
1494 T-2	1973 09 20.30278	00 28 13.83	+00 26 38.6		4 675					
1494 T-2	1973 09 24.38750	00 24 45.55	+00 04 38.0		4 675					
1494 T-2	1973 09 24.45434	00 24 41.96	+00 04 15.4		4 675					
1494 T-2	1973 09 25.28125	00 23 59.46	-00 00 10.5		4 675					
1494 T-2	1973 09 25.34601	00 23 55.97	-00 00 32.5		4 675					
1494 T-2	* 1973 09 29.25330	00 20 32.92	-00 21 31.0	19.6	4 675					
1494 T-2	1973 09 29.31806	00 20 29.34	-00 21 51.0		4 675	(1051)	1994 08 04.28356	22 05 51.33	+09 13 30.4	684
1494 T-2	1973 09 30.21007	00 19 43.25	-00 26 33.9		4 675	(1051)	1994 08 04.28981	22 05 51.06	+09 13 28.1	684
1494 T-2	1973 09 30.27431	00 19 39.67	-00 26 55.1		4 675	(1051)	1994 08 04.34832	22 05 49.08	+09 13 06.5	684
1494 T-2	1973 10 04.28958	00 16 12.87	-00 47 38.8		4 675	(1051)	1994 08 04.35440	22 05 48.89	+09 13 04.4	684
1494 T-2	1973 10 04.35208	00 16 09.65	-00 47 57.5		4 675	(1403)	1994 08 02.20234	17 48 05.84	-10 22 42.4	684
1494 T-2	1973 10 05.31684	00 15 21.02	-00 52 46.2		4 675	(1403)	1994 08 02.21008	17 48 05.72	-10 22 45.3	684
						(1403)	1994 08 02.21934	17 48 05.60	-10 22 48.7	684

684 Prescott

P. G. Comba, 1411 Galaxy Lane, Prescott, AZ 86303, U.S.A.

Observer P. G. Comba

Measurers P. Houlahan, P. G. Comba

0.28-m $f/10$ Schmidt-Cassegrain $\lambda = 247^{\circ}5100$, $\rho \cos \phi' = 0.82512$, $\rho \sin \phi' = +0.56356$ (see MPC 22434)

(1051)	1994 08 04.28356	22 05 51.33	+09 13 30.4	684
(1051)	1994 08 04.28981	22 05 51.06	+09 13 28.1	684
(1051)	1994 08 04.34832	22 05 49.08	+09 13 06.5	684
(1051)	1994 08 04.35440	22 05 48.89	+09 13 04.4	684
(1403)	1994 08 02.20234	17 48 05.84	-10 22 42.4	684
(1403)	1994 08 02.21008	17 48 05.72	-10 22 45.3	684
(1403)	1994 08 02.21934	17 48 05.60	-10 22 48.7	684

(1403)	1994 08 02.23233	17 48 05.27	-10 22 54.8	684	1992 ES ₁₀	1992 02 25.48795	10 46 45.20	+08 28 26.0	691
(1584)	1994 08 02.25887	19 14 22.59	-30 47 04.7	684	1992 ET ₁₀	1992 02 29.22496	10 44 08.58	+10 32 42.7	691
(1584)	1994 08 02.27918	19 14 21.20	-30 46 56.8	684	1992 ET ₁₀	1992 02 29.24553	10 44 07.58	+10 32 48.5	18.4 V 691
(1584)	1994 08 02.29428	19 14 20.20	-30 46 48.2	684	1992 ET ₁₀	1992 02 29.27325	10 44 06.18	+10 32 56.8	691
(1584)	1994 08 02.31251	19 14 19.06	-30 46 41.5	684	1992 EU ₁₀	1992 02 09.50693	11 02 39.46	+07 58 12.9	19.2 V 691
					1992 EU ₁₀	1992 02 09.52414	11 02 38.74	+07 58 19.6	691
					1992 EU ₁₀	1992 02 09.54117	11 02 38.02	+07 58 26.8	691
					1992 EU ₁₀	1992 02 29.22605	10 45 42.70	+10 34 37.1	18.5 V 691
					1992 EU ₁₀	1992 02 29.24661	10 45 41.51	+10 34 47.3	691
					1992 EU ₁₀	1992 02 29.27434	10 45 39.88	+10 35 01.0	691
					1992 EV ₁₀	1992 02 29.22527	10 44 34.84	+10 30 18.4	19.1 V 691
					1992 EV ₁₀	1992 02 29.24583	10 44 33.92	+10 30 28.5	691
					1992 EV ₁₀	1992 02 29.27356	10 44 32.66	+10 30 41.9	691
					1992 EW ₁₀	1992 02 29.22666	10 46 35.14	+10 01 03.5	691
					1992 EW ₁₀	1992 02 29.24722	10 46 33.87	+10 01 02.5	19.0 V 691
					1992 EW ₁₀	1992 02 29.27494	10 46 32.14	+10 01 02.0	691
					1992 EY ₁₀	1992 02 24.40440	10 51 22.45	+09 35 22.3	18.5 V 691
					1992 EY ₁₀	1992 02 24.42519	10 51 21.01	+09 35 27.1	691
					1992 EY ₁₀	1992 02 24.44608	10 51 20.04	+09 35 27.6	691
					1992 EY ₁₀	1992 03 06.28906	10 40 54.21	+09 57 01.4	19.1 V 691
					1992 EY ₁₀	1992 03 06.34816	10 40 50.74	+09 57 07.7	691
					1992 EA ₁₁	1992 03 11.24263	10 37 36.75	+08 57 01.2	19.1 V 691
					1992 EA ₁₁	1992 03 11.26292	10 37 35.66	+08 57 11.0	691
					1992 EA ₁₁	1992 03 11.28330	10 37 34.61	+08 57 20.0	691
					1992 ED ₁₁	1992 02 24.40723	10 55 27.65	+09 39 11.9	17.5 V 691
					1992 ED ₁₁	1992 02 24.42802	10 55 26.40	+09 39 15.0	691
					1992 ED ₁₁	1992 02 24.44891	10 55 25.17	+09 39 18.1	691
					1992 EE ₁₁	1992 02 24.40659	10 54 32.79	+09 48 49.6	691
					1992 EE ₁₁	1992 02 24.42739	10 54 31.82	+09 48 56.1	18.2 V 691
					1992 EE ₁₁	1992 02 24.44828	10 54 30.86	+09 49 01.9	691
					1992 EH ₁₁	1992 03 11.24700	10 43 55.18	+08 32 04.2	18.2 V 691
					1992 EH ₁₁	1992 03 11.26729	10 43 54.29	+08 32 10.2	691
					1992 EH ₁₁	1992 03 11.28767	10 43 53.37	+08 32 16.5	691
					1992 EJ ₁₁	1992 03 11.30959	10 44 17.21	+10 42 25.1	18.3 V 691
					1992 EJ ₁₁	1992 03 11.33054	10 44 16.27	+10 42 40.7	691
					1992 EJ ₁₁	1992 03 11.35107	10 44 15.37	+10 42 55.5	691
					1992 EL ₁₁	1992 03 06.37674	10 47 56.33	+08 46 32.3	691
					1992 EL ₁₁	1992 03 06.39700	10 47 55.43	+08 46 38.1	19.3 V 691
					1992 EL ₁₁	1992 03 06.41741	10 47 54.52	+08 46 44.2	691
					1992 EO ₁₁	1992 03 11.24795	10 45 17.26	+08 49 50.4	19.5 V 691
					1992 EO ₁₁	1992 03 11.28861	10 45 15.11	+08 50 06.7	691
					1992 EP ₁₁	1992 02 29.33618	10 57 11.91	+08 11 45.1	19.0 V 691
					1992 EP ₁₁	1992 02 29.37117	10 57 10.20	+08 11 57.7	691
					1992 EP ₁₁	1992 02 29.39201	10 57 09.18	+08 12 05.0	691
					1992 EP ₁₁	1992 03 06.37979	10 52 20.50	+08 47 17.2	691
					1992 EP ₁₁	1992 03 06.40004	10 52 19.45	+08 47 24.3	19.2 V 691
					1992 EP ₁₁	1992 03 06.42046	10 52 18.46	+08 47 28.5	691
					1992 ER ₁₁	1992 03 05.36770	10 55 00.67	+09 18 42.1	17.4 V 691
					1992 ER ₁₁	1992 03 05.39118	10 54 59.35	+09 18 53.3	691
					1992 ER ₁₁	1992 03 05.41376	10 54 58.10	+09 19 04.6	691
					1992 ES ₁₁	1992 03 05.36805	10 55 30.93	+09 20 44.1	691
					1992 ES ₁₁	1992 03 05.39152	10 55 29.51	+09 20 51.2	18.8 V 691

691 Kitt Peak, Steward Observatory
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 Measurer J. V. Scotti
 0.91-m Spacewatch telescope
 GSC

1992 ES ₁₁	1992 03 05.41410	10 55 28.01	+09 20 57.1		691	1993 KS ₂	* 1993 05 20.20654	14 29 25.71	-08 58 57.7		691
1992 EH ₁₂	1992 03 11.25115	10 49 54.85	+08 51 27.5		691	1993 KS ₂	1993 05 20.23858	14 29 24.45	-08 58 51.1	19.5 V	691
1992 EH ₁₂	1992 03 11.27145	10 49 53.77	+08 51 33.7	19.6 V	691	1993 KT ₂	* 1993 05 24.22871	14 50 06.25	-10 44 54.8	18.5 V	691
1992 EH ₁₂	1992 03 11.29182	10 49 52.73	+08 51 40.6		691	1993 KT ₂	1993 05 24.26084	14 50 04.96	-10 44 48.4		691
1992 EK ₁₂	1992 03 06.38159	10 54 56.41	+08 54 24.5	19.5 V	691	1993 KT ₂	1993 05 24.29354	14 50 03.66	-10 44 41.5		691
1992 EK ₁₂	1992 03 06.40184	10 54 55.38	+08 54 35.9		691	1993 KT ₂	1993 06 13.20119	14 40 13.65	-09 54 22.3		691
1992 EK ₁₂	1992 03 06.42226	10 54 54.35	+08 54 47.9		691	1993 KT ₂	1993 06 13.22662	14 40 13.13	-09 54 19.8	19.1 V	691
1992 EU ₁₃	1992 04 04.28693	10 21 15.82	+05 08 02.8		691	1993 KT ₂	1993 06 13.25202	14 40 12.61	-09 54 18.0		691
1992 EU ₁₃	1992 04 04.30782	10 21 15.23	+05 08 05.7	18.9 V	691	1993 OV ₁₃	* 1993 07 24.25385	21 28 53.38	-11 02 53.6		691
1992 EU ₁₃	1992 04 04.32796	10 21 14.65	+05 08 08.7		691	1993 OV ₁₃	1993 07 24.28620	21 28 51.68	-11 03 01.0	19.1 V	691
1992 EH ₁₈	1992 01 28.48116	10 55 56.09	-01 35 42.3	19.1 V	691	1993 OV ₁₃	1993 07 24.31847	21 28 49.85	-11 03 07.8		691
1992 EH ₁₈	1992 01 28.50520	10 55 55.48	-01 35 38.4		691	1993 TM ₄₀	* 1993 10 10.16946	01 37 12.02	+14 09 00.9	16.3 V	691
1992 EH ₁₈	1992 01 28.52917	10 55 54.83	-01 35 34.2		691	1993 TM ₄₀	1993 10 10.18827	01 37 10.81	+14 08 53.8		691
1992 EH ₁₈	1992 04 04.28307	10 15 41.70	+05 22 10.2		691	1993 TM ₄₀	1993 10 10.20718	01 37 09.56	+14 08 47.0		691
1992 EH ₁₈	1992 04 04.30396	10 15 41.35	+05 22 16.8		691	1994 CB	1994 03 05.12274	06 54 54.85	-23 29 32.3	20.3 V	691
1992 EH ₁₈	1992 04 04.32411	10 15 41.06	+05 22 23.2	19.5 V	691	1994 CB	1994 03 05.13131	06 54 53.52	-23 29 52.7		691
1992 ER ₁₈	1992 02 25.24424	10 23 11.20	+17 36 39.7		691	1994 CL ₉	1994 02 15.34764	10 43 03.37	+12 13 11.3		691
1992 ER ₁₈	1992 02 25.26964	10 23 09.45	+17 36 40.9	18.6 V	691	1994 CL ₉	1994 02 15.38041	10 43 01.43	+12 13 22.2	18.4 V	691
1992 ER ₁₈	1992 02 25.29500	10 23 07.68	+17 36 42.4		691	1994 CL ₉	1994 02 15.41363	10 42 59.41	+12 13 32.8		691
1992 EA ₁₉	1992 02 27.25770	10 23 37.86	+14 56 58.3	19.8 V	691	1994 CP ₉	1994 02 15.34888	10 44 51.15	+12 09 28.0	18.8 V	691
1992 EA ₁₉	1992 02 27.28275	10 23 36.59	+14 57 07.4		691	1994 CP ₉	1994 02 15.38165	10 44 49.44	+12 09 36.6		691
1992 EA ₁₉	1992 02 27.30800	10 23 35.26	+14 57 16.8		691	1994 CP ₉	1994 02 15.41488	10 44 47.66	+12 09 45.6		691
1992 EE ₁₉	1992 02 26.28213	10 27 23.18	+16 10 25.1	18.2 V	691	1994 CS ₉	1994 03 05.19360	10 33 34.58	+13 01 16.0	18.1 V	691
1992 EE ₁₉	1992 02 26.30733	10 27 21.58	+16 10 36.9		691	1994 CS ₉	1994 03 05.21774	10 33 33.49	+13 01 23.3		691
1992 EE ₁₉	1992 02 26.33243	10 27 19.95	+16 10 47.9		691	1994 CS ₉	1994 03 05.24169	10 33 32.29	+13 01 30.0		691
1992 EK ₁₉	1992 02 27.26137	10 28 55.71	+14 47 41.6	18.1 V	691	1994 CV ₉	1994 02 16.43419	10 45 54.61	+10 23 35.8		691
1992 EK ₁₉	1992 02 27.28641	10 28 53.90	+14 47 44.9		691	1994 CV ₉	1994 02 16.45111	10 45 53.72	+10 23 44.6	17.6 V	691
1992 EK ₁₉	1992 02 27.31166	10 28 52.11	+14 47 48.9		691	1994 CV ₉	1994 02 16.47237	10 45 52.60	+10 23 55.7		691
1992 EQ ₁₉	1992 02 26.28457	10 30 54.71	+16 05 25.9	19.5 V	691	1994 CX ₉	1994 02 15.34984	10 46 14.34	+12 13 19.3	17.4 V	691
1992 EQ ₁₉	1992 02 26.30977	10 30 53.29	+16 05 33.3		691	1994 CX ₉	1994 02 15.38261	10 46 12.45	+12 13 33.8		691
1992 EQ ₁₉	1992 02 26.33488	10 30 51.67	+16 05 40.4		691	1994 CX ₉	1994 02 15.41583	10 46 10.62	+12 13 49.6		691
1992 EG ₂₀	1992 02 26.28849	10 36 34.62	+16 24 05.2	20.1 V	691	1994 CN ₁₀	1994 02 15.35124	10 48 15.74	+12 07 10.7		691
1992 EG ₂₀	1992 02 26.31370	10 36 33.46	+16 24 13.8		691	1994 CN ₁₀	1994 02 15.38401	10 48 13.74	+12 07 20.3	17.6 V	691
1992 EG ₂₀	1992 02 26.33881	10 36 32.27	+16 24 21.9		691	1994 CN ₁₀	1994 02 15.41723	10 48 11.80	+12 07 30.7		691
1992 EL ₂₀	1992 02 26.28933	10 37 46.72	+16 08 19.5	20.2 V	691	1994 CP ₁₀	1994 02 16.43645	10 49 10.87	+09 59 47.8	17.7 V	691
1992 EL ₂₀	1992 02 26.31453	10 37 45.31	+16 08 29.6		691	1994 CP ₁₀	1994 02 16.45337	10 49 10.11	+09 59 51.5		691
1992 EL ₂₀	1992 02 26.33964	10 37 43.95	+16 08 40.6		691	1994 CP ₁₀	1994 02 16.47464	10 49 09.15	+09 59 56.1		691
1992 EN ₂₀	1992 02 27.26729	10 37 28.39	+15 04 15.3	19.6 V	691	1994 CC ₁₁	1994 03 05.19759	10 39 20.71	+13 01 31.7	18.1 V	691
1992 EN ₂₀	1992 02 27.29234	10 37 27.19	+15 04 30.9		691	1994 CC ₁₁	1994 03 05.22174	10 39 19.58	+13 01 38.2		691
1992 EN ₂₀	1992 02 27.31759	10 37 25.95	+15 04 46.9		691	1994 CC ₁₁	1994 03 05.24568	10 39 18.48	+13 01 44.6		691
1992 EO ₂₀	1992 02 27.26985	10 41 10.22	+14 48 51.9		691	1994 CT ₁₁	1994 03 05.19778	10 39 37.39	+13 09 26.6	17.9 V	691
1992 EO ₂₀	1992 02 27.29490	10 41 08.89	+14 49 00.5	19.3 V	691	1994 CT ₁₁	1994 03 05.22193	10 39 36.12	+13 09 34.2		691
1992 EO ₂₀	1992 02 27.32015	10 41 07.60	+14 49 09.6		691	1994 CT ₁₁	1994 03 05.24587	10 39 34.90	+13 09 41.4		691
1992 EL ₂₁	1992 02 27.26539	10 34 44.40	+14 45 47.7	19.5 V	691	1994 CY ₁₁	1994 03 05.19671	10 38 04.36	+12 48 11.3		691
1992 EL ₂₁	1992 02 27.29044	10 34 42.85	+14 45 56.6		691	1994 CY ₁₁	1994 03 05.22085	10 38 02.89	+12 48 16.4		691
1992 EL ₂₁	1992 02 27.31569	10 34 41.29	+14 46 05.3		691	1994 CY ₁₁	1994 03 05.24480	10 38 01.54	+12 48 19.3	18.2 V	691
1992 FL ₃	* 1992 03 26.27554	12 20 53.63	-00 16 24.3		691	1994 CS ₁₂	1994 02 15.45729	11 00 43.85	+10 02 18.4		691
1992 FL ₃	1992 03 26.29586	12 20 52.68	-00 16 17.9	19.1 V	691	1994 CS ₁₂	1994 02 15.50971	11 00 41.54	+10 02 42.8	18.6 V	691
1992 FL ₃	1992 03 26.31636	12 20 51.75	-00 16 10.8		691						
1992 FM ₃	* 1992 03 30.27456	12 18 16.87	-00 37 48.5	18.2 V	691						
1992 FM ₃	1992 03 30.29186	12 18 16.04	-00 37 45.2		691						
1992 FM ₃	1992 03 30.30861	12 18 15.22	-00 37 42.1		691						

693 University of Arizona, Catalina Station

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Observers C. W. Hergenrother, T. B. Spahr
0.41-m $f/3$ Schmidt

1994 JS ₁	1994 07 08.19367	16 44 52.73	+10 51 56.5	17.3 V	693
1994 JS ₁	1994 07 08.21259	16 44 52.43	+10 51 41.4		693
1994 LK	1994 07 06.22407	17 30 13.06	+13 59 54.9		693
1994 LK	1994 07 06.24699	17 30 12.20	+13 59 52.1	15.9 V	693
1994 LK	1994 07 07.19829	17 29 38.04	+13 58 08.3		693
1994 LK	1994 07 07.21593	17 29 37.31	+13 58 06.6		693
1994 LL	1994 07 08.20347	17 01 27.41	+13 36 32.3	17.3 V	693
1994 LL	1994 07 08.22153	17 01 26.88	+13 36 22.0		693
1994 LL	1994 07 09.18825	17 00 54.81	+13 26 06.5	17.7 V	693
1994 LL	1994 07 09.20596	17 00 54.27	+13 25 55.0		693
1994 LS	1994 05 08.34178	17 14 22.83	+17 00 44.4		693
1994 LS	1994 05 08.39069	17 14 21.00	+17 00 49.5		693
1994 LA ₁	1994 07 08.19367	16 51 26.66	+12 15 45.2	17.5 V	693
1994 LA ₁	1994 07 08.21259	16 51 26.21	+12 15 28.6		693
1994 LA ₁	1994 07 09.19699	16 51 05.07	+12 00 51.3		693
1994 LA ₁	1994 07 09.20596	16 51 04.90	+12 00 45.5	17.7 V	693
1994 NO	1994 07 13.25405	19 44 57.43	+11 20 10.2	16.6 V	693
1994 NO	1994 07 13.27135	19 44 56.53	+11 20 19.4		693
1994 PK	* 1994 08 02.22454	20 22 50.87	+22 07 17.6	16.2 V	693
1994 PK	1994 08 02.24535	20 22 49.50	+22 07 20.2		693
1994 PK	1994 08 07.35342	20 17 25.59	+22 08 06.3		693
1994 PK	1994 08 07.36458	20 17 24.97	+22 08 05.7	16.3 V	693
1994 PL	* 1994 08 05.41667	00 01 22.11	+36 46 50.0	16.0 V	693
1994 PL	1994 08 05.43380	00 01 22.77	+36 46 58.3		693
1994 PL	1994 08 06.37206	00 01 57.03	+36 54 06.7	16.5 V	693
1994 PL	1994 08 06.39101	00 01 57.58	+36 54 14.4		693
1994 PL	1994 08 07.34193	00 02 30.47	+37 01 05.4		693
1994 PL	1994 08 07.37612	00 02 31.54	+37 01 20.4		693
(2577)	1994 07 09.30532	19 25 03.96	+17 14 26.5		O 693
(2577)	1994 07 09.32377	19 25 02.83	+17 14 22.9		O 693
(2577)	1994 07 10.28634	19 23 59.32	+17 10 59.6		693
(2577)	1994 07 10.30764	19 23 57.93	+17 10 55.8		693

696 F. L. Whipple Observatory, Mount Hopkins

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Observer J. C. McDowell
Measurer G. V. Williams
1.2-m reflector + CCD
GSC

1994 AH ₂	1994 06 16.33711	17 59 52.57	+56 11 51.6		696
----------------------	------------------	-------------	-------------	--	-----

801 Oak Ridge

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Observer R. E. McCrosky
1.5-m reflector + CCD
GSC

1939 UB	1994 08 08.31080	01 24 53.07	+16 24 19.3		801
1939 UB	1994 08 08.34554	01 24 53.82	+16 24 23.1		801
1968 QE	1994 08 08.29882	00 36 49.34	+06 47 43.0		801

1968 QE	1994 08 08.32461	00 36 49.98	+06 47 49.4		801
1969 OX	1994 08 08.06894	16 51 59.00	-10 25 26.2		801
1969 OX	1994 08 08.08726	16 51 59.23	-10 25 36.3		801
1971 UN	1994 08 08.32144	02 02 06.49	+05 20 59.8		801
1971 UN	1994 08 08.33988	02 02 07.63	+05 21 07.0		801
1974 RV ₁	1994 08 08.17323	20 14 50.27	-18 54 06.7		801
1974 RV ₁	1994 08 08.18834	20 14 49.42	-18 54 07.2		801
1975 EA ₃	1994 08 07.25730	22 30 13.79	-15 00 03.0		801
1975 EA ₃	1994 08 07.27480	22 30 12.84	-15 00 09.2		801
1977 QY ₃	1994 08 08.29586	00 28 56.54	-07 50 42.3		801
1977 QY ₃	1994 08 08.32844	00 28 56.80	-07 50 52.4		801
1978 VL ₅	1994 08 07.11037	18 59 33.72	-17 27 27.5		801
1978 VL ₅	1994 08 07.13818	18 59 32.88	-17 27 24.2		801
1978 VL ₅	1994 08 09.09510	18 58 42.45	-17 25 20.4		801
1978 VL ₅	1994 08 09.13727	18 58 41.37	-17 25 16.2		801
1979 TA	1994 08 08.17947	20 22 13.39	-18 51 26.2		801
1979 TA	1994 08 08.19306	20 22 12.58	-18 51 27.4		801
1980 CR	1994 08 09.22280	22 04 42.87	-12 00 02.8		801
1980 CR	1994 08 09.24314	22 04 41.86	-12 00 11.9		801
1980 DX	1994 08 09.15642	20 36 54.28	-11 17 13.3		801
1980 DX	1994 08 09.17617	20 36 53.31	-11 17 22.4		801
1980 TM	1994 08 08.31551	01 55 30.07	+10 12 26.0		801
1980 TM	1994 08 08.34248	01 55 31.00	+10 12 32.8		801
1980 TC ₅	1994 08 07.30084	23 43 00.87	+10 59 00.4		801
1980 TC ₅	1994 08 07.33231	23 43 00.60	+10 59 03.9		801
1980 TC ₅	1994 08 09.30884	23 42 45.46	+11 02 20.5		801
1980 TC ₅	1994 08 09.34522	23 42 45.06	+11 02 23.6		801
1981 EY ₂₆	1994 08 07.26839	22 57 05.52	-07 42 01.8		801
1981 EY ₂₆	1994 08 07.28451	22 57 04.93	-07 42 04.6		801
1981 EY ₂₆	1994 08 09.29476	22 55 53.51	-07 46 42.1		801
1981 EY ₂₆	1994 08 09.32324	22 55 52.44	-07 46 44.6		801
1981 EE ₃₅	1994 08 07.29061	23 06 03.44	-02 03 01.2		801
1981 EE ₃₅	1994 08 07.31162	23 06 03.02	-02 03 08.7		801
1981 EE ₃₅	1994 08 09.30422	23 05 31.51	-02 15 38.6		801
1981 EE ₃₅	1994 08 09.32976	23 05 30.97	-02 15 48.1		801
1982 BP ₂	1994 08 08.23242	21 13 01.41	-12 06 34.7		801
1982 BP ₂	1994 08 08.24789	21 13 00.45	-12 06 38.1		801
1983 EU	1994 08 07.24000	21 57 51.86	-07 23 50.4		801
1983 EU	1994 08 07.25552	21 57 50.98	-07 23 56.4		801
1983 EU	1994 08 09.21961	21 56 04.75	-07 35 43.4		801
1983 EU	1994 08 09.23922	21 56 03.63	-07 35 50.5		801
1983 RR ₄	1994 08 08.25575	21 59 04.85	+00 21 04.0		801
1983 RR ₄	1994 08 08.27147	21 59 04.23	+00 20 54.0		801
1984 SQ ₂	1994 08 08.26390	23 18 01.45	-15 18 29.4		801
1984 SQ ₂	1994 08 08.28744	23 18 00.83	-15 18 34.4		801
1986 RE ₂	1994 07 05.29633	20 40 17.57	-17 13 48.2		801
1986 RE ₂	1994 07 12.23377	20 33 36.87	-16 42 39.4		801
1986 RE ₂	1994 07 12.25046	20 33 35.81	-16 42 35.0		801
1986 RE ₂	1994 08 08.16955	20 04 11.89	-14 47 46.8		801
1986 RE ₂	1994 08 08.18299	20 04 11.08	-14 47 44.1		801
1986 TW ₉	1994 08 07.23078	21 46 41.84	-09 24 56.0		801
1986 TW ₉	1994 08 07.24426	21 46 41.08	-09 24 56.7		801

1986 WO ₉	1994 07 12.19701	19 38 25.41	-16 22 28.0	801	1990 MN	1994 08 08.31870	01 58 46.04	+01 50 58.4	801
1986 WO ₉	1994 07 13.18612	19 37 33.13	-16 24 33.7	801	1990 MN	1994 08 08.33677	01 58 47.37	+01 50 56.1	801
1986 WO ₉	1994 07 13.20079	19 37 32.31	-16 24 35.4	801	1990 QP ₅	1994 08 08.23806	23 32 35.12	-00 43 28.1	801
1986 WO ₉	1994 08 08.13545	19 16 44.07	-17 26 26.2	801	1990 QP ₅	1994 08 08.27700	23 32 34.68	-00 43 38.4	801
1987 HE ₁	1994 08 08.25345	21 58 23.92	-08 58 43.5	801	1990 RA ₅	1994 08 07.28703	23 04 11.17	+05 26 18.4	801
1987 HE ₁	1994 08 08.26924	21 58 23.09	-08 58 51.7	801	1990 RA ₅	1994 08 07.30750	23 04 10.68	+05 26 11.8	801
1987 MC	1994 07 13.09715	16 41 40.76	-07 12 20.0	801	1990 RA ₅	1994 08 09.29773	23 03 17.34	+05 14 10.3	801
1987 MC	1994 07 13.12576	16 41 40.55	-07 12 30.9	801	1990 RA ₅	1994 08 09.32563	23 03 16.53	+05 13 59.7	801
1987 MC	1994 08 08.06618	16 52 33.29	-10 42 03.9	r 801	1990 RD ₉	1994 08 07.30375	23 48 29.78	+13 02 48.3	p 801
1987 MC	1994 08 08.08076	16 52 34.06	-10 42 11.9	r 801	1990 RD ₉	1994 08 07.33036	23 48 29.02	+13 02 54.2	801
1987 OC	1994 08 08.07559	17 22 04.62	-12 22 51.6	801	1990 RD ₉	1994 08 09.31608	23 47 37.32	+13 10 15.9	801
1987 OC	1994 08 08.09056	17 22 04.75	-12 22 41.5	801	1990 RD ₉	1994 08 09.33868	23 47 36.69	+13 10 20.9	801
1987 QR	1994 08 07.11300	19 00 32.00	-17 03 20.5	801	1990 SL ₂₈	1994 08 07.26310	22 35 45.72	-08 36 37.0	801
1987 QR	1994 08 07.13252	19 00 31.29	-17 03 24.3	801	1990 SL ₂₈	1994 08 07.28052	22 35 45.08	-08 36 39.8	801
1987 QR	1994 08 09.09712	18 59 32.82	-17 09 18.1	801	1990 SL ₂₈	1994 08 09.25963	22 34 31.48	-08 42 04.1	801
1987 QR	1994 08 09.13524	18 59 31.76	-17 09 25.3	801	1990 SL ₂₈	1994 08 09.28034	22 34 30.64	-08 42 07.1	801
1987 SG ₃	1994 08 04.19186	19 28 56.58	+25 44 30.3	801	1990 TT ₁₂	1994 08 09.21744	21 52 16.25	-14 34 07.2	801
1987 SG ₃	1994 08 07.14287	19 28 37.62	+24 48 00.4	801	1990 TT ₁₂	1994 08 09.23634	21 52 15.33	-14 34 11.8	801
1987 SG ₃	1994 08 07.15671	19 28 37.52	+24 47 43.5	801	1990 VQ ₁	1994 08 08.28215	00 05 16.38	+16 08 21.1	801
1987 SG ₃	1994 08 08.13306	19 28 34.80	+24 27 46.5	I 801	1990 VQ ₁	1994 08 08.35628	00 05 15.70	+16 08 27.1	801
1987 SG ₃	1994 08 08.14586	19 28 34.63	+24 27 31.0	801	1990 YA	1994 08 04.29736	00 07 26.00	+08 28 56.6	801
1987 SN ₃	1994 08 07.27279	22 57 23.45	+03 43 49.7	801	1990 YA	1994 08 04.30211	00 07 26.09	+08 28 58.7	801
1987 SN ₃	1994 08 07.30572	22 57 22.62	+03 43 44.9	801	1990 YA	1994 08 07.32580	00 08 27.76	+08 47 32.7	801
1987 SN ₃	1994 08 09.26764	22 56 35.73	+03 38 30.7	801	1990 YA	1994 08 07.34102	00 08 28.01	+08 47 38.3	801
1987 SN ₃	1994 08 09.28958	22 56 35.12	+03 38 26.5	801	1991 PF ₁₅	1994 08 08.06331	16 11 37.27	-20 13 25.1	801
1987 SZ ₃	1994 08 09.06813	18 02 41.48	-20 50 53.4	I 801	1991 PF ₁₅	1994 08 08.07826	16 11 38.13	-20 13 25.2	801
1987 SZ ₃	1994 08 09.10575	18 02 41.07	-20 51 04.7	801	1991 PW ₁₇	1994 08 08.11808	19 21 46.32	-15 31 41.2	801
1987 US ₄	1994 08 09.21444	21 47 34.21	-16 02 47.4	V 801	1991 RM ₂	1994 08 08.07175	17 20 39.55	-10 40 17.5	801
1987 US ₄	1994 08 09.23149	21 47 33.15	-16 02 51.3	801	1991 RM ₂	1994 08 08.09726	17 20 39.70	-10 40 28.6	801
1988 BX	1994 08 08.18642	20 19 22.86	-04 42 28.3	I 801	1991 SN ₁	1994 07 05.26843	20 18 58.63	-08 13 23.7	801
1988 CF ₇	1994 08 08.17152	20 14 01.83	-05 32 05.1	801	1991 SN ₁	1994 07 05.28545	20 18 57.68	-08 13 24.1	801
1988 CF ₇	1994 08 08.18476	20 14 01.13	-05 32 07.5	801	1991 SN ₁	1994 07 11.24750	20 14 17.02	-08 13 59.9	801
1989 EW ₁	1994 08 08.31294	01 43 56.16	+09 02 45.6	801	1991 SN ₁	1994 08 07.15446	19 49 06.80	-09 37 07.9	801
1989 EW ₁	1994 08 08.33060	01 43 57.03	+09 02 51.0	801	1991 SN ₁	1994 08 07.17573	19 49 05.63	-09 37 15.2	801
1989 GH	1994 08 09.15422	20 09 35.81	-16 02 56.0	801	1991 SN ₁	1994 08 09.14391	19 47 28.95	-09 47 10.7	801
1989 GH	1994 08 09.17427	20 09 34.86	-16 03 06.1	801	1991 SN ₁	1994 08 09.16071	19 47 28.32	-09 47 16.6	801
1989 GJ	1994 08 08.20450	20 49 01.17	-13 32 33.4	801	1991 TJ ₂	1994 08 08.26704	23 21 18.22	-18 39 35.9	801
1989 GJ	1994 08 08.21892	20 49 00.48	-13 32 43.7	801	1991 TJ ₂	1994 08 08.29064	23 21 17.71	-18 39 43.3	801
1989 GM	1994 07 13.25961	21 15 39.98	-20 54 41.5	V 801	1991 UU	1994 08 04.25111	21 59 52.70	-00 26 43.9	801
1990 DA ₁	1994 07 13.30628	22 45 06.72	-15 53 47.6	801	1991 UU	1994 08 04.25981	21 59 52.30	-00 26 44.8	801
1990 DA ₁	1994 07 13.32795	22 45 06.75	-15 53 39.4	801	1991 UU	1994 08 07.23824	21 57 39.23	-00 33 31.1	801
1990 DA ₁	1994 08 07.26152	22 34 21.90	-14 04 05.4	801	1991 UU	1994 08 07.25370	21 57 38.46	-00 33 33.6	801
1990 DA ₁	1994 08 07.27904	22 34 20.89	-14 04 01.6	801	1991 UM ₁	1994 08 08.20934	20 55 40.37	-21 41 34.8	801
1990 DA ₁	1994 08 09.25807	22 32 30.80	-13 56 57.7	801	1991 UM ₁	1994 08 08.22469	20 55 39.42	-21 41 33.8	801
1990 DA ₁	1994 08 09.27800	22 32 29.60	-13 56 53.5	801	1991 UB ₂	1994 08 07.22749	21 36 28.43	-02 17 42.4	r 801
1990 HL ₁	1994 08 04.18560	20 20 59.64	+21 23 21.3	801	1991 UB ₂	1994 08 07.24157	21 36 27.58	-02 17 45.6	801
1990 HL ₁	1994 08 04.19528	20 20 58.95	+21 23 20.2	801	1991 UB ₂	1994 08 09.19755	21 34 39.87	-02 25 07.7	801
1990 HL ₁	1994 08 08.21538	20 17 13.65	+21 10 04.2	801	1991 UB ₂	1994 08 09.20877	21 34 39.22	-02 25 10.5	801
1990 KM	1994 08 07.19666	20 53 46.93	+16 35 34.5	801	1991 UK ₂	1994 08 07.20499	21 13 51.03	-05 25 18.0	801
1990 KM	1994 08 07.21102	20 53 46.16	+16 35 29.2	801	1991 UK ₂	1994 08 07.22028	21 13 50.12	-05 25 22.2	801
1990 KM	1994 08 09.18125	20 52 04.56	+16 22 29.5	801	1991 UK ₂	1994 08 08.23001	21 12 53.33	-05 30 33.0	801
1990 KM	1994 08 09.19999	20 52 03.49	+16 22 22.5	801	1991 UU ₃	1994 08 09.18770	21 08 29.61	-19 43 29.6	801

1991 UU ₃	1994 08 09.20429	21 08 28.63	-19 43 31.6	801	1993 HL	1994 08 07.33450	01 38 07.71	-02 43 38.8	801
1991 UW ₃	1994 08 09.15874	20 36 20.32	-18 58 29.1	801	1993 HL	1994 08 07.34395	01 38 08.27	-02 43 37.2	801
1991 UW ₃	1994 08 09.17881	20 36 18.96	-18 58 28.1	801	1993 HL	1994 08 09.34126	01 40 07.38	-02 37 01.3	801
1991 UH ₄	1994 08 08.12977	19 31 11.79	-12 59 55.4	801	1993 HL	1994 08 09.34743	01 40 07.73	-02 37 00.4	801
1991 UH ₄	1994 08 08.15067	19 31 10.75	-12 59 56.0	801	1993 HV	1994 08 07.23252	21 47 39.89	+01 58 02.2	801
1991 VR ₃	1994 08 09.19236	21 09 15.70	-20 30 48.4	801	1993 HV	1994 08 07.24959	21 47 39.29	+01 57 55.8	801
1991 VR ₃	1994 08 09.20634	21 09 14.76	-20 30 54.6	801	1993 HV	1994 08 09.21201	21 46 29.86	+01 45 29.5	801
1991 VK ₄	1994 08 08.21226	21 07 59.13	-15 10 46.2	801	1993 HV	1994 08 09.23336	21 46 29.06	+01 45 21.0	801
1991 VK ₄	1994 08 08.22728	21 07 58.20	-15 10 47.9	801	1993 HZ	1994 08 09.26184	22 35 02.83	-05 57 03.1	801
1991 XO ₁	1994 08 08.17546	20 14 54.41	-23 59 33.0	801	1993 HZ	1994 08 09.28565	22 35 01.79	-05 57 06.8	801
1991 XO ₁	1994 08 08.19072	20 14 53.48	-23 59 36.7	801	1993 KM	1993 09 12.01125	17 40 07.11	-02 04 11.4	u 801
1992 AO	1994 08 09.34293	00 59 14.57	-17 24 33.6	801	1994 AH ₂	1994 08 08.09391	18 18 57.89	-07 53 32.8	801
1992 AO	1994 08 09.34922	00 59 14.69	-17 24 40.3	801	1994 CB	1994 08 08.19502	20 30 49.32	+02 19 13.1	801
1992 AS ₁	1994 08 07.20160	21 08 26.15	-10 42 36.2	801	1994 CB	1994 08 08.19773	20 30 48.32	+02 19 39.0	801
1992 AS ₁	1994 08 07.21574	21 08 25.43	-10 42 42.6	801	1994 JS ₁	1994 08 07.08559	16 51 17.87	+03 51 00.8	801
1992 EF	1994 08 07.26475	22 36 39.86	+03 36 46.6	801	1994 JS ₁	1994 08 07.09617	16 51 18.32	+03 50 51.6	801
1992 EF	1994 08 07.28213	22 36 39.18	+03 36 46.1	801	1994 JS ₁	1994 08 09.05817	16 52 30.72	+03 23 01.2	801
1992 EF	1994 08 09.26362	22 35 22.79	+03 35 21.1	801	1994 LW	1994 08 07.06483	16 49 37.27	+34 45 36.2	801
1992 EF	1994 08 09.28748	22 35 21.79	+03 35 20.0	801	1994 LW	1994 08 07.07296	16 49 38.81	+34 45 42.1	801
1992 YC ₃	1994 08 04.21605	21 33 03.08	+06 21 25.9	801	1994 NO	1994 08 07.11689	19 26 36.86	+12 43 07.1	801
1992 YC ₃	1994 08 04.22983	21 33 01.89	+06 21 34.1	801	1994 NO	1994 08 07.14050	19 26 36.01	+12 43 05.5	801
1992 YC ₃	1994 08 07.20894	21 28 52.89	+06 47 10.9	801	1994 NO	1994 08 09.13917	19 25 29.72	+12 39 58.5	801
1992 YC ₃	1994 08 07.22571	21 28 51.41	+06 47 19.2	801	1994 NO	1994 08 09.16786	19 25 28.74	+12 39 55.4	801
1993 CC	1994 07 12.22347	20 16 49.18	-13 49 40.2	801	1994 NS	1994 08 07.08963	18 05 11.43	-09 29 59.6	r 801
1993 CC	1994 07 12.24089	20 16 48.33	-13 49 48.6	801	1994 NS	1994 08 07.10847	18 05 11.85	-09 30 06.7	r 801
1993 CC	1994 08 07.15897	19 55 09.62	-17 33 41.3	801	1994 PM	1994 08 12.18124	21 13 26.00	-12 24 21.5	801
1993 CC	1994 08 07.18137	19 55 08.58	-17 33 52.3	801	1994 PM	1994 08 12.18363	21 13 24.24	-12 24 43.9	801
1993 CC	1994 08 09.14565	19 53 43.37	-17 50 14.8	801	2098 P-L	1994 08 07.26642	22 55 50.77	+09 05 32.4	801
1993 CC	1994 08 09.16288	19 53 42.67	-17 50 24.1	801	2098 P-L	1994 08 07.30935	22 55 50.30	+09 05 23.8	801
1993 FC ₁	1994 08 09.25550	22 31 10.63	+08 57 30.4	801	2098 P-L	1994 08 09.26535	22 55 31.62	+08 58 16.7	801
1993 FC ₁	1994 08 09.27572	22 31 09.82	+08 57 26.0	801	2098 P-L	1994 08 09.29176	22 55 31.26	+08 58 10.3	801
1993 FS ₁	1994 08 07.10440	18 57 45.67	-12 18 10.7	801	4524 P-L	1994 08 08.14271	20 03 19.68	-19 26 15.0	801
1993 FS ₁	1994 08 07.12662	18 57 44.91	-12 18 18.3	801	4524 P-L	1994 08 08.15836	20 03 18.85	-19 26 16.8	801
1993 FS ₁	1994 08 09.08564	18 56 51.84	-12 30 12.1	801	4580 P-L	1994 08 04.24060	21 58 59.00	+02 57 09.7	801
1993 FS ₁	1994 08 09.11287	18 56 51.07	-12 30 21.4	801	4580 P-L	1994 08 04.25418	21 58 58.55	+02 57 05.7	W 801
1993 FZ ₁₂	1994 07 12.26203	20 48 39.22	-15 49 39.2	801	4580 P-L	1994 08 07.23654	21 57 18.39	+02 37 36.4	801
1993 FZ ₁₂	1994 07 12.28061	20 48 38.44	-15 49 45.8	801	4580 P-L	1994 08 07.25181	21 57 17.83	+02 37 29.9	801
1993 FZ ₁₂	1994 07 13.22429	20 48 01.02	-15 54 25.8	801	6564 P-L	1994 08 09.32012	00 17 21.48	-00 45 43.7	801
1993 FZ ₁₂	1994 07 13.24535	20 48 00.12	-15 54 30.2	801	6564 P-L	1994 08 09.35221	00 17 21.29	-00 45 47.5	801
1993 FH ₂₄	1994 08 07.15074	19 42 56.86	-13 10 59.2	801	4050 T-1	1994 08 07.28907	23 05 07.61	-06 42 08.0	801
1993 FH ₂₄	1994 08 07.17038	19 42 55.96	-13 11 02.8	801	4050 T-1	1994 08 07.31345	23 05 07.28	-06 42 16.1	801
1993 FH ₂₄	1994 08 09.16552	19 41 33.04	-13 17 53.3	801	4050 T-1	1994 08 09.30179	23 04 43.12	-06 53 50.0	801
1993 FQ ₂₅	1994 08 07.29539	23 11 10.35	-04 02 21.6	801	4050 T-1	1994 08 09.32767	23 04 42.66	-06 53 59.5	801
1993 FQ ₂₅	1994 08 07.31765	23 11 09.63	-04 02 22.9	801	3262 T-2	1994 08 07.25913	22 32 03.71	-17 37 31.5	801
1993 FQ ₂₅	1994 08 09.30670	23 10 12.91	-04 05 41.0	801	3262 T-2	1994 08 07.27630	22 32 03.00	-17 37 36.3	801
1993 FQ ₂₅	1994 08 09.33276	23 10 12.09	-04 05 44.0	801	3262 T-2	1994 08 09.25302	22 30 45.78	-17 45 42.4	801
1993 FO ₃₆	1994 08 04.22645	20 59 03.21	-04 44 03.2	801	3262 T-2	1994 08 09.27222	22 30 44.94	-17 45 47.0	801
1993 FO ₃₆	1994 08 07.21353	20 56 46.76	-05 04 07.1	801	(1626)	1994 08 09.07817	18 16 21.77	-17 34 28.5	801
1993 FS ₃₉	1994 08 07.10663	18 58 11.66	-20 23 15.7	W 801	(1626)	1994 08 09.09958	18 16 20.94	-17 34 22.0	801
1993 FS ₃₉	1994 08 07.13008	18 58 10.81	-20 23 15.9	801	(2577)	1994 08 09.08894	18 55 32.46	+12 14 55.5	801
1993 FS ₃₉	1994 08 09.09222	18 57 13.05	-20 26 31.0	801	(2577)	1994 08 09.10924	18 55 31.62	+12 14 37.6	801
1993 FS ₃₉	1994 08 09.13234	18 57 11.75	-20 26 33.4	801	(2577)	1994 08 10.06402	18 54 56.17	+12 00 23.0	801

(2577)	1994 08 10.07366	18 54 55.87	+12 00 14.0		I 801	1992 DD ₃	1992 03 04.09375	10 33 12.63	+08 44 57.0	17.5	7 809
(3199)	1994 08 07.35590	02 50 09.66	+27 37 47.0		p 801	1992 DD ₃	1992 03 07.09167	10 30 40.99	+08 59 05.0	18.6	7 809
(3199)	1994 08 07.35779	02 50 10.05	+27 37 54.0		801	1992 DN ₃	1992 03 06.09722	10 49 33.15	+09 40 27.0	18.6	7 809
(3199)	1994 08 08.36087	02 53 15.13	+28 42 30.8		801	1992 DN ₃	1992 03 08.17222	10 47 46.29	+09 54 12.3	18.6	7 809
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(3677)	1994 08 09.08006	18 41 11.80	-14 39 20.3		801	1992 DN ₃	1992 04 06.11007	10 31 14.10	+11 57 09.5	18.8	7 809
(3677)	1994 08 09.12831	18 41 10.94	-14 39 29.8		801	1992 DA ₄	1992 03 06.09722	10 39 50.41	+08 16 17.5	18.6	7 809
(3677)	1994 08 10.09073	18 40 57.56	-14 42 35.8		801	1992 DA ₄	1992 03 08.17222	10 37 55.92	+08 24 11.8	18.6	7 809
(3677)	1994 08 10.10851	18 40 57.30	-14 42 40.5		801	1992 DA ₄	1992 03 09.08958	10 37 06.63	+08 27 35.1	19.7	7 809
(4567)	1994 07 12.15061	18 09 26.52	+00 04 16.3		801	1992 DO ₅	* 1992 02 29.23611	11 04 23.33	+09 22 07.1	19.7	7 809
(4567)	1994 07 12.17146	18 09 25.51	+00 04 11.3		801	1992 DO ₅	1992 03 03.20000	11 01 39.13	+09 48 04.3	17.5	7 809
(4567)	1994 08 10.05963	17 58 07.62	-03 24 23.3		801	1992 DO ₅	1992 03 07.23125	10 57 56.61	+10 22 15.6	18.6	7 809
(4567)	1994 08 10.06931	17 58 07.67	-03 24 28.2		801	1992 DP ₅	* 1992 02 29.23611	11 05 23.06	+08 25 45.0	18.6	7 809
(5139)	1994 08 09.25807	22 32 39.51	-13 54 09.9		801	1992 DP ₅	1992 03 03.20000	11 02 56.45	+08 38 03.5	19.7	7 809
(5139)	1994 08 09.27800	22 32 38.67	-13 54 15.2		801	1992 DP ₅	1992 03 07.23125	10 59 35.47	+08 54 26.8	18.6	7 809
						1992 DQ ₅	* 1992 02 29.23611	11 05 25.66	+08 47 40.6	19.7	7 809
						1992 DQ ₅	1992 03 03.20000	11 02 08.07	+08 54 33.6	19.7	7 809
						1992 DQ ₅	1992 03 07.23125	10 57 37.57	+09 03 19.7	19.7	7 809
						1992 DR ₅	* 1992 02 29.23611	11 05 35.76	+09 17 16.6	19.7	7 809
						1992 DR ₅	1992 03 03.20000	11 02 48.00	+09 31 14.7	17.5	7 809
						1992 DR ₅	1992 03 07.23125	10 58 57.22	+09 49 37.3	18.6	7 809
						1992 DR ₅	1992 04 06.15243	10 35 54.23	+11 13 59.3	20.9	7 809
						1992 DS ₅	* 1992 02 29.23611	11 05 38.71	+08 56 44.7	18.6	7 809
						1992 DS ₅	1992 03 03.20000	11 03 23.51	+09 11 59.2	16.4	7 809
						1992 DS ₅	1992 03 07.23125	11 00 18.16	+09 32 18.6	17.5	7 809
						1992 DT ₅	* 1992 02 29.23611	11 05 48.27	+07 38 52.3	18.6	7 809
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						1992 DT ₅	1992 03 07.23125	11 00 15.36	+08 27 06.6	18.6	7 809
						1992 DU ₅	* 1992 02 29.23611	11 05 53.96	+09 52 21.0	18.6	7 809
						1992 DU ₅	1992 03 03.20000	11 03 24.69	+10 16 38.8	17.5	7 809
						1992 DU ₅	1992 03 07.23125	11 00 01.55	+10 48 56.0	17.5	7 809
						1992 DV ₅	* 1992 02 29.23611	11 06 02.15	+08 36 19.6	18.6	7 809
						1992 DV ₅	1992 03 03.20000	11 03 35.81	+08 50 24.6	17.5	7 809
						1992 DV ₅	1992 03 07.23125	11 00 15.92	+09 09 11.3	17.5	7 809
						1992 DW ₅	* 1992 02 29.23611	11 06 03.31	+08 11 16.6	18.6	7 809
						1992 DW ₅	1992 03 03.20000	11 03 57.59	+08 23 56.8	17.5	7 809
						1992 DW ₅	1992 03 07.23125	11 01 05.69	+08 40 58.6	18.6	7 809
						1992 DX ₅	* 1992 02 29.23611	11 06 04.75	+09 16 32.6	18.6	7 809
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						1992 DX ₅	1992 03 07.23125	11 01 02.78	+09 49 49.9	17.5	7 809
						1992 DY ₅	* 1992 02 29.23611	11 06 17.42	+10 32 32.4	17.5	7 809
						1992 DY ₅	1992 03 03.20000	11 03 57.28	+10 48 33.1	17.5	7 809
						1992 DY ₅	1992 03 07.23125	11 00 46.12	+11 09 39.8	17.5	7 809
						1992 DY ₅	1992 04 06.15243	10 41 36.68	+12 56 14.8	20.9	7 809
						1992 DZ ₅	* 1992 02 29.23611	11 06 18.56	+07 29 11.1	18.6	7 809
						1992 DZ ₅	1992 03 03.20000	11 03 46.92	+07 50 49.2	17.5	7 809
						1992 DZ ₅	1992 03 07.23125	11 00 20.97	+08 19 40.1	17.5	7 809
						1992 DZ ₅	1992 04 06.15243	10 42 05.91	+10 48 06.8	19.8	7 809
						1992 DA ₆	* 1992 02 29.23611	11 06 37.40	+07 06 54.6	16.4	7 809
						1992 DA ₆	1992 03 03.20000	11 04 02.06	+07 26 53.4	15.3	7 809
						1992 DA ₆	1992 03 07.23125	11 00 27.90	+07 53 56.3	16.4	7 809
						1992 DA ₆	1992 04 06.15243	10 40 53.08	+10 15 43.5	17.8	7 809

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Observers E. W. Elst, G. Pizarro, O. Pizarro, M. Lindgren

Measurers E. W. Elst, O. Hernius

1.0-m Schmidt

1980 UC	1994 02 12.24375	10 43 13.65	+10 48 39.5	18.3	4 809
1980 UC	1994 02 12.25556	10 43 13.06	+10 48 42.6		4 809
1980 UC	1994 02 12.26736	10 43 12.57	+10 48 46.0		4 809
1985 VG	1994 02 12.24375	11 04 14.95	+12 09 38.8	18.2	4 809
1985 VG	1994 02 12.25556	11 04 14.36	+12 09 43.3		4 809
1985 VG	1994 02 12.26736	11 04 13.74	+12 09 48.3		4 809
1988 RD ₆	1994 02 12.24375	10 49 34.90	+10 47 00.5	18.5	4 809
1988 RD ₆	1994 02 12.25556	10 49 34.24	+10 47 03.6		4 809
1988 RD ₆	1994 02 12.26736	10 49 33.47	+10 47 07.5		4 809
1989 YG	1994 02 12.24375	10 53 10.98	+13 21 41.0	18.0	4 809
1989 YG	1994 02 12.25556	10 53 10.24	+13 21 44.1		4 809
1989 YG	1994 02 12.26736	10 53 09.53	+13 21 46.7		4 809
1991 SC ₂	1994 02 12.24375	10 47 00.34	+10 09 19.4	18.4	4 809
1991 SC ₂	1994 02 12.25556	10 46 59.74	+10 09 23.1		4 809
1991 SC ₂	1994 02 12.26736	10 46 59.22	+10 09 25.9		4 809
1992 BS ₃	1992 03 02.27326	10 42 28.95	+02 28 02.0	17.5	7 809
1992 BS ₃	1992 03 05.23750	10 40 24.63	+02 55 21.5	18.6	7 809
1992 BS ₃	1992 03 09.15972	10 37 45.98	+03 31 21.8	17.5	7 809
1992 DT ₂	1992 03 06.09722	10 38 14.48	+10 11 34.5	20.8	7 809
1992 DT ₂	1992 03 08.17222	10 36 38.76	+10 22 50.4	19.7	7 809
1992 DT ₂	1992 03 09.08958	10 35 57.17	+10 27 43.7	20.8	7 809
1992 DT ₂	1992 04 06.11007	10 20 39.04	+12 12 51.8	20.9	7 809
1992 DV ₂	1992 03 06.09722	10 48 25.77	+10 47 42.5	18.6	7 809
1992 DV ₂	1992 03 08.17222	10 46 33.83	+11 04 43.7	18.6	7 809
1992 DV ₂	1992 03 09.08958	10 45 44.87	+11 12 10.0	19.7	7 809
1992 DC ₃	1992 03 02.14305	10 33 49.85	+09 00 19.5	17.5	7 809
1992 DC ₃	1992 03 04.09375	10 32 19.56	+09 10 34.8	17.5	7 809
1992 DC ₃	1992 03 07.09167	10 30 03.06	+09 26 02.3	18.6	7 809
1992 DD ₃	1992 03 02.14305	10 34 52.90	+08 35 33.8	17.5	7 809

1992 DB ₆	* 1992 02 29.23611	11 07 05.61	+09 20 38.7	19.7	7 809	1992 DS ₆	1992 03 07.23125	11 05 05.55	+09 27 48.5	17.5	7 809
1992 DB ₆	1992 03 03.20000	11 04 41.17	+09 38 58.2	20.8	7 809	1992 DS ₆	1992 04 06.15243	10 40 44.34	+10 38 36.5	17.8	7 809
1992 DB ₆	1992 03 07.23125	11 01 23.83	+10 03 22.5	20.8	7 809	1992 DT ₆	* 1992 02 29.23611	11 11 34.85	+07 30 25.4	17.5	7 809
1992 DC ₆	* 1992 02 29.23611	11 07 49.02	+09 59 20.0	17.5	7 809	1992 DT ₆	1992 03 03.20000	11 09 25.55	+07 49 02.4	15.3	7 809
1992 DC ₆	1992 03 03.20000	11 05 15.20	+10 23 03.0	16.4	7 809	1992 DT ₆	1992 03 07.23125	11 06 28.57	+08 14 03.3	16.4	7 809
1992 DC ₆	1992 03 07.23125	11 01 45.75	+10 54 24.8	17.5	7 809	1992 DT ₆	1992 04 06.15243	10 48 34.60	+10 38 57.4	18.8	7 809
1992 DD ₆	* 1992 02 29.23611	11 08 09.52	+07 05 18.1	20.8	7 809	1992 DU ₆	* 1992 02 29.23611	11 11 38.14	+07 19 01.2	17.5	7 809
1992 DD ₆	1992 03 03.20000	11 05 36.62	+07 34 10.0	18.6	7 809	1992 DU ₆	1992 03 03.20000	11 09 14.78	+07 40 33.5	16.4	7 809
1992 DD ₆	1992 03 07.23125	11 02 04.33	+08 13 28.5	18.6	7 809	1992 DU ₆	1992 03 07.23125	11 05 58.19	+08 09 36.4	16.4	7 809
1992 DE ₆	* 1992 02 29.23611	11 08 24.33	+09 42 31.7	19.7	7 809	1992 DV ₆	* 1992 02 29.23611	11 11 41.38	+10 43 48.2	20.8	7 809
1992 DE ₆	1992 03 03.20000	11 05 44.00	+10 02 07.4	18.6	7 809	1992 DV ₆	1992 03 03.20000	11 09 17.25	+11 02 44.9	19.7	7 809
1992 DE ₆	1992 03 07.23125	11 02 02.65	+10 28 04.0		7 809	1992 DV ₆	1992 03 07.23125	11 05 59.41	+11 27 49.0	20.8	7 809
1992 DE ₆	1992 04 06.15243	10 40 01.44	+12 41 12.2		7 809	1992 DW ₆	* 1992 02 29.23611	11 11 46.29	+10 28 13.6		7 809
1992 DF ₆	* 1992 02 29.23611	11 08 38.58	+10 51 24.1	16.4	7 809	1992 DW ₆	1992 03 03.20000	11 08 56.35	+10 48 31.9		7 809
1992 DF ₆	1992 03 03.20000	11 05 54.59	+11 12 44.4	16.4	7 809	1992 DW ₆	1992 03 07.23125	11 05 02.97	+11 15 14.0	20.8	7 809
1992 DF ₆	1992 03 07.23125	11 02 11.00	+11 40 27.5	16.4	7 809	1992 DX ₆	* 1992 02 29.23611	11 11 51.46	+08 29 54.2	19.7	7 809
1992 DG ₆	* 1992 02 29.23611	11 08 40.59	+09 48 27.9	17.5	7 809	1992 DX ₆	1992 03 03.20000	11 09 44.25	+08 43 55.7	17.5	7 809
1992 DG ₆	1992 03 03.20000	11 05 51.46	+09 54 36.8	16.4	7 809	1992 DX ₆	1992 03 07.23125	11 06 49.34	+09 02 44.6	18.6	7 809
1992 DG ₆	1992 03 07.23125	11 02 00.17	+10 02 17.9	17.5	7 809	1992 DY ₆	* 1992 02 29.23611	11 11 52.58	+11 13 44.8	20.8	7 809
1992 DH ₆	* 1992 02 29.23611	11 09 05.39	+10 21 58.1	20.8	7 809	1992 DY ₆	1992 03 03.20000	11 09 32.82	+11 29 11.3		7 809
1992 DH ₆	1992 03 03.20000	11 06 23.12	+10 44 26.5	20.8	7 809	1992 DY ₆	1992 03 07.23125	11 06 22.16	+11 49 19.6		7 809
1992 DH ₆	1992 03 07.23125	11 02 37.21	+11 14 17.3	19.7	7 809	1992 DZ ₆	* 1992 02 29.23611	11 12 29.00	+08 06 56.5	17.5	7 809
1992 DJ ₆	* 1992 02 29.23611	11 09 08.99	+07 57 35.7	20.8	7 809	1992 DZ ₆	1992 03 03.20000	11 09 29.33	+08 10 53.0	17.5	7 809
1992 DJ ₆	1992 03 03.20000	11 07 17.25	+08 11 51.0	20.8	7 809	1992 DZ ₆	1992 03 07.23125	11 05 20.77	+08 15 56.0	17.5	7 809
1992 DJ ₆	1992 03 07.23125	11 04 44.07	+08 31 00.9	18.6	7 809	1992 DZ ₆	1992 04 07.14618	10 38 53.59	+08 13 24.0	17.8	7 809
1992 DK ₆	* 1992 02 29.23611	11 09 24.50	+09 47 20.1	18.6	7 809	1992 DA ₇	* 1992 02 29.23611	11 12 29.11	+07 18 23.6	17.5	7 809
1992 DK ₆	1992 03 03.20000	11 07 02.59	+10 01 38.0	19.7	7 809	1992 DA ₇	1992 03 03.20000	11 09 46.41	+07 31 27.2	16.4	7 809
1992 DK ₆	1992 03 07.23125	11 03 48.42	+10 20 32.9	18.6	7 809	1992 DA ₇	1992 03 07.23125	11 06 02.65	+07 48 57.8	16.4	7 809
1992 DL ₆	* 1992 02 29.23611	11 09 38.50	+08 14 28.4	20.8	7 809	1992 DB ₇	* 1992 02 29.23611	11 12 34.16	+07 47 59.4		7 809
1992 DL ₆	1992 03 03.20000	11 07 24.21	+08 30 39.4	19.7	7 809	1992 DB ₇	1992 03 03.20000	11 10 07.00	+08 11 25.3		7 809
1992 DL ₆	1992 03 07.23125	11 04 19.09	+08 52 27.9	20.8	7 809	1992 DB ₇	1992 03 07.23125	11 06 43.90	+08 43 07.9		7 809
1992 DM ₆	* 1992 02 29.23611	11 10 10.28	+07 50 14.7	17.5	7 809	1992 DC ₇	* 1992 02 29.23611	11 12 46.21	+08 28 44.9	18.6	7 809
1992 DM ₆	1992 03 03.20000	11 08 02.03	+08 04 44.3	16.4	7 809	1992 DC ₇	1992 03 03.20000	11 10 27.94	+08 45 36.7	17.5	7 809
1992 DM ₆	1992 03 07.23125	11 05 06.22	+08 24 15.6	16.4	7 809	1992 DC ₇	1992 03 07.23125	11 07 17.56	+09 08 15.4	17.5	7 809
1992 DN ₆	* 1992 02 29.23611	11 10 32.73	+07 37 51.2	18.6	7 809	1992 DD ₇	* 1992 02 29.23611	11 13 08.97	+09 27 40.2	18.6	7 809
1992 DN ₆	1992 03 03.20000	11 07 48.80	+07 57 52.1	17.5	7 809	1992 DD ₇	1992 03 03.20000	11 10 36.69	+09 55 21.8	18.6	7 809
1992 DN ₆	1992 03 07.23125	11 04 02.85	+08 24 57.1	17.5	7 809	1992 DD ₇	1992 03 07.23125	11 07 06.64	+10 32 18.9	18.6	7 809
1992 DN ₆	1992 04 06.15243	10 40 16.54	+11 03 28.2	18.8	7 809	1992 DD ₇	1992 04 06.15243	10 46 43.72	+13 50 01.9	19.8	7 809
1992 DO ₆	* 1992 02 29.23611	11 10 34.04	+08 24 05.7	18.6	7 809	1992 DE ₇	* 1992 02 29.23611	11 13 37.75	+09 56 09.9	18.6	7 809
1992 DO ₆	1992 03 03.20000	11 08 23.03	+08 39 48.6	17.5	7 809	1992 DE ₇	1992 03 03.20000	11 11 24.76	+10 30 58.0	18.6	7 809
1992 DO ₆	1992 03 07.23125	11 05 23.21	+09 00 54.3	18.6	7 809	1992 DE ₇	1992 03 07.23125	11 08 20.53	+11 17 35.0	18.6	7 809
1992 DP ₆	* 1992 02 29.23611	11 10 40.51	+08 02 20.4		7 809	1992 DE ₇	1992 04 04.16354	10 51 08.37	+15 28 40.9	21.9	7 809
1992 DP ₆	1992 03 03.20000	11 08 04.04	+08 19 00.8	20.8	7 809	1992 DF ₇	* 1992 02 29.23611	11 13 39.39	+09 40 42.4	17.5	7 809
1992 DP ₆	1992 03 07.23125	11 04 28.28	+08 41 28.3		7 809	1992 DF ₇	1992 03 03.20000	11 11 11.45	+09 56 08.9	16.4	7 809
1992 DQ ₆	* 1992 02 29.23611	11 11 06.22	+08 41 31.4	20.8	7 809	1992 DF ₇	1992 03 07.23125	11 07 49.59	+10 16 23.8	17.5	7 809
1992 DQ ₆	1992 03 03.20000	11 09 02.99	+09 20 50.2	19.7	7 809	1992 DF ₇	1992 04 06.15243	10 48 09.44	+11 50 51.5	19.8	7 809
1992 DQ ₆	1992 03 07.23125	11 06 09.96	+10 14 24.6	20.8	7 809	1992 DG ₇	* 1992 02 29.23611	11 13 39.41	+09 15 55.5	20.8	7 809
1992 DR ₆	* 1992 02 29.23611	11 11 09.27	+08 58 01.0	19.7	7 809	1992 DG ₇	1992 03 03.20000	11 11 30.52	+09 35 27.8	19.7	7 809
1992 DR ₆	1992 03 03.20000	11 08 33.00	+09 16 05.0	18.6	7 809	1992 DG ₇	1992 03 07.23125	11 08 32.87	+10 01 43.3	20.8	7 809
1992 DR ₆	1992 03 07.23125	11 04 58.33	+09 40 06.3	19.7	7 809	1992 DH ₇	* 1992 02 29.23611	11 13 58.09	+10 01 28.4		7 809
1992 DS ₆	* 1992 02 29.23611	11 11 32.35	+09 02 10.2	17.5	7 809	1992 DH ₇	1992 03 03.20000	11 11 19.60	+10 25 30.0		7 809
1992 DS ₆	1992 03 03.20000	11 08 50.03	+09 13 09.9	16.4	7 809	1992 DH ₇	1992 03 07.23125	11 07 41.45	+10 57 27.9		7 809

1992 DJ ₇	* 1992 02 29.23611	11 13 58.49	+08 28 10.5	18.6	7 809	1992 DZ ₇	1992 03 03.20000	11 15 10.17	+10 24 21.9		7 809
1992 DJ ₇	1992 03 03.20000	11 11 06.69	+08 50 30.9	17.5	7 809	1992 DZ ₇	1992 03 07.23125	11 11 50.56	+10 46 05.2	20.8	7 809
1992 DJ ₇	1992 03 07.23125	11 07 08.38	+09 20 41.3	17.5	7 809	1992 DA ₈	* 1992 02 29.23611	11 17 58.49	+09 09 27.6	20.8	7 809
1992 DK ₇	* 1992 02 29.23611	11 14 01.56	+07 06 14.0	19.7	7 809	1992 DA ₈	1992 03 03.20000	11 15 39.03	+09 28 58.1	19.7	7 809
1992 DK ₇	1992 03 03.20000	11 11 30.90	+07 30 43.1	17.5	7 809	1992 DA ₈	1992 03 07.23125	11 12 25.71	+09 55 08.3	20.8	7 809
1992 DK ₇	1992 03 07.23125	11 08 03.72	+08 03 34.4	19.7	7 809	1992 DB ₈	* 1992 02 29.23611	11 17 58.87	+09 25 10.7	19.7	7 809
1992 DL ₇	* 1992 02 29.23611	11 14 27.35	+08 02 40.5	18.6	7 809	1992 DB ₈	1992 03 03.20000	11 15 31.06	+09 49 34.5	18.6	7 809
1992 DL ₇	1992 03 03.20000	11 12 08.69	+08 18 46.1	17.5	7 809	1992 DB ₈	1992 03 07.23125	11 12 04.91	+10 22 23.2	19.7	7 809
1992 DL ₇	1992 03 07.23125	11 08 57.50	+08 40 25.6	17.5	7 809	1992 DC ₈	* 1992 02 29.16111	10 20 24.99	+01 45 30.9	20.8	7 809
1992 DM ₇	* 1992 02 29.23611	11 14 38.52	+07 34 29.7	17.5	7 809	1992 DC ₈	1992 03 03.13333	10 18 22.74	+02 09 54.4	18.6	7 809
1992 DM ₇	1992 03 03.20000	11 12 21.55	+07 51 57.5	16.4	7 809	1992 DC ₈	1992 03 05.09236	10 17 04.17	+02 26 06.6	19.7	7 809
1992 DM ₇	1992 03 07.23125	11 09 12.57	+08 15 31.0	17.5	7 809	1992 DC ₈	1992 03 08.09931	10 15 07.16	+02 51 08.1	20.8	7 809
1992 DN ₇	* 1992 02 29.23611	11 14 48.92	+08 09 17.0	17.5	7 809	1992 DD ₈	* 1992 02 29.16111	10 21 29.55	+02 36 47.2	18.6	7 809
1992 DN ₇	1992 03 03.20000	11 12 20.72	+08 27 50.4	16.4	7 809	1992 DD ₈	1992 03 03.13333	10 19 03.00	+02 51 24.4	19.7	7 809
1992 DN ₇	1992 03 07.23125	11 08 56.32	+08 52 49.0	16.4	7 809	1992 DD ₈	1992 03 05.09236	10 17 27.98	+03 01 09.4		7 809
1992 DN ₇	1992 04 06.15243	10 47 38.22	+11 13 12.4	18.8	7 809	1992 DD ₈	1992 03 08.09931	10 15 06.22	+03 16 10.2	19.7	7 809
1992 DO ₇	* 1992 02 29.23611	11 15 44.87	+09 32 14.0		7 809	1992 DE ₈	* 1992 02 29.16111	10 22 14.60	+05 01 11.6	18.6	7 809
1992 DO ₇	1992 03 03.20000	11 13 33.78	+09 48 19.7	19.7	7 809	1992 DE ₈	1992 03 03.13333	10 19 35.00	+05 15 34.0	19.7	7 809
1992 DO ₇	1992 03 07.23125	11 10 32.40	+10 09 50.1	20.8	7 809	1992 DE ₈	1992 03 08.09931	10 15 16.67	+05 39 45.5	20.8	7 809
1992 DP ₇	* 1992 02 29.23611	11 15 53.79	+09 12 08.7	20.8	7 809	1992 DF ₈	* 1992 02 29.16111	10 23 07.59	+01 21 14.1	18.6	7 809
1992 DP ₇	1992 03 03.20000	11 13 18.75	+09 32 34.1	18.6	7 809	1992 DF ₈	1992 03 03.13333	10 20 38.78	+01 43 21.1	19.7	7 809
1992 DP ₇	1992 03 07.23125	11 09 44.79	+09 59 44.0	20.8	7 809	1992 DF ₈	1992 03 05.09236	10 19 02.83	+01 58 09.4	18.6	7 809
1992 DP ₇	1992 04 06.15243	10 48 28.46	+12 17 35.8	20.9	7 809	1992 DF ₈	1992 03 08.09931	10 16 39.89	+02 20 59.1	18.6	7 809
1992 DQ ₇	* 1992 02 29.23611	11 16 00.76	+09 01 31.5	20.8	7 809	1992 DG ₈	* 1992 02 29.16111	10 27 16.88	+05 27 36.4	17.5	7 809
1992 DQ ₇	1992 03 03.20000	11 13 49.24	+09 15 26.5	20.8	7 809	1992 DG ₈	1992 03 03.13333	10 24 16.10	+05 36 47.5	17.5	7 809
1992 DQ ₇	1992 03 07.23125	11 10 48.14	+09 34 03.1		7 809	1992 DG ₈	1992 03 08.09931	10 19 22.74	+05 52 05.9	16.4	7 809
1992 DR ₇	* 1992 02 29.23611	11 16 07.34	+10 01 14.3	19.7	7 809	1992 DH ₈	* 1992 02 29.16111	10 28 17.36	+04 45 57.8	16.4	7 809
1992 DR ₇	1992 03 03.20000	11 13 22.67	+10 18 01.6		7 809	1992 DH ₈	1992 03 03.13333	10 25 36.77	+05 06 11.2	17.5	7 809
1992 DR ₇	1992 03 07.23125	11 09 34.12	+10 39 54.6	20.8	7 809	1992 DH ₈	1992 03 05.09236	10 23 52.87	+05 19 39.2	18.6	7 809
1992 DS ₇	* 1992 02 29.23611	11 16 19.27	+10 46 45.2	18.6	7 809	1992 DH ₈	1992 03 08.09931	10 21 17.92	+05 40 13.6	16.4	7 809
1992 DS ₇	1992 03 03.20000	11 13 24.41	+11 05 18.9	18.6	7 809	1992 DJ ₈	* 1992 02 29.16111	10 29 50.38	+03 10 25.4	16.4	7 809
1992 DS ₇	1992 03 07.23125	11 09 24.95	+11 29 33.0	18.6	7 809	1992 DJ ₈	1992 03 03.13333	10 27 18.68	+03 30 34.2	18.6	7 809
1992 DT ₇	* 1992 02 29.23611	11 16 24.33	+09 36 34.0	20.8	7 809	1992 DJ ₈	1992 03 05.09236	10 25 40.41	+03 44 05.1	18.6	7 809
1992 DT ₇	1992 03 03.20000	11 14 02.74	+09 53 10.8	18.6	7 809	1992 DJ ₈	1992 03 08.09931	10 23 13.73	+04 04 57.4	18.6	7 809
1992 DT ₇	1992 03 07.23125	11 10 46.78	+10 15 23.5		7 809	1992 DK ₈	* 1992 02 29.16111	10 29 53.63	+01 48 27.9	17.5	7 809
1992 DU ₇	* 1992 02 29.23611	11 16 25.24	+07 56 24.4	17.5	7 809	1992 DK ₈	1992 03 03.13333	10 27 00.91	+02 09 01.0	18.6	7 809
1992 DU ₇	1992 03 03.20000	11 14 06.00	+08 10 24.8	17.5	7 809	1992 DK ₈	1992 03 05.09236	10 25 08.78	+02 22 44.8	18.6	7 809
1992 DU ₇	1992 03 07.23125	11 10 53.57	+08 29 17.3	17.5	7 809	1992 DK ₈	1992 03 08.09931	10 22 20.37	+02 43 55.9	18.6	7 809
1992 DV ₇	* 1992 02 29.23611	11 16 34.50	+10 39 04.8	18.6	7 809	1992 DL ₈	* 1992 02 29.16111	10 30 26.31	+05 30 04.4		7 809
1992 DV ₇	1992 03 03.20000	11 13 57.79	+10 55 20.3	20.8	7 809	1992 DL ₈	1992 03 03.13333	10 28 15.15	+05 52 36.3	19.7	7 809
1992 DV ₇	1992 03 07.23125	11 10 18.50	+11 16 28.6	18.6	7 809	1992 DL ₈	1992 03 05.09236	10 26 49.64	+06 07 29.0		7 809
1992 DW ₇	* 1992 02 29.23611	11 16 34.84	+09 44 08.0	18.6	7 809	1992 DL ₈	1992 03 08.09931	10 24 40.79	+06 30 15.9	20.8	7 809
1992 DW ₇	1992 03 03.20000	11 13 50.43	+10 01 46.0	16.4	7 809	1992 DM ₈	* 1992 02 29.16111	10 30 53.95	+03 05 30.7	18.6	7 809
1992 DW ₇	1992 03 07.23125	11 10 03.65	+10 24 56.1	17.5	7 809	1992 DM ₈	1992 03 03.13333	10 28 52.81	+03 35 32.8	19.7	7 809
1992 DX ₇	* 1992 02 29.23611	11 17 14.28	+09 23 40.0	18.6	7 809	1992 DM ₈	1992 03 05.09236	10 27 34.20	+03 55 28.1	18.6	7 809
1992 DX ₇	1992 03 03.20000	11 14 53.66	+09 34 46.0	17.5	7 809	1992 DM ₈	1992 03 08.09931	10 25 36.38	+04 26 04.5	17.5	7 809
1992 DX ₇	1992 03 07.23125	11 11 39.71	+09 49 20.3	18.6	7 809	1992 DN ₈	* 1992 02 29.16111	10 31 38.94	+05 34 12.6	17.5	7 809
1992 DY ₇	* 1992 02 29.23611	11 17 18.71	+09 52 09.5	18.6	7 809	1992 DN ₈	1992 03 03.13333	10 29 31.33	+05 55 50.2	17.5	7 809
1992 DY ₇	1992 03 03.20000	11 14 49.38	+10 08 41.4	17.5	7 809	1992 DN ₈	1992 03 05.09236	10 28 08.43	+06 10 07.1	18.6	7 809
1992 DY ₇	1992 03 07.23125	11 11 22.58	+10 30 38.4	17.5	7 809	1992 DN ₈	1992 03 08.09931	10 26 04.16	+06 31 48.9	18.6	7 809
1992 DY ₇	1992 04 06.15243	10 49 49.83	+12 19 32.2	18.8	7 809	1992 DN ₈	1992 04 06.11007	10 12 43.10	+09 24 03.4	20.9	7 809
1992 DZ ₇	* 1992 02 29.23611	11 17 34.80	+10 07 58.7	19.7	7 809	1992 DO ₈	* 1992 02 29.16111	10 31 40.53	+03 24 17.7	19.7	7 809

1992 DO ₈	1992 03 03.13333	10 29 37.72	+03 45 25.6	19.7	7 809	1992 DC ₉	* 1992 02 29.16111	10 17 42.36	+03 06 16.3	18.6	7 809
1992 DO ₈	1992 03 05.09236	10 28 18.07	+03 59 24.6	19.7	7 809	1992 DC ₉	1992 03 03.13333	10 15 39.14	+03 23 56.1	18.6	7 809
1992 DO ₈	1992 03 08.09931	10 26 18.36	+04 20 52.0	20.8	7 809	1992 DC ₉	1992 03 05.09236	10 14 19.82	+03 35 37.6	18.6	7 809
1992 DP ₈	* 1992 02 29.16111	10 32 00.55	+01 56 46.8	18.6	7 809	1992 DD ₉	* 1992 02 29.16111	10 18 46.40	+04 47 26.2	20.8	7 809
1992 DP ₈	1992 03 03.13333	10 29 40.76	+02 14 40.7	18.6	7 809	1992 DD ₉	1992 03 03.13333	10 16 13.30	+05 10 18.0	20.8	7 809
1992 DP ₈	1992 03 05.09236	10 28 09.26	+02 26 38.8	20.8	7 809	1992 DD ₉	1992 03 05.09236	10 14 34.81	+05 25 23.6		7 809
1992 DP ₈	1992 03 08.09931	10 25 50.82	+02 45 11.0	20.8	7 809	1992 DE ₉	* 1992 02 29.16111	10 19 21.15	+06 03 03.6	16.4	7 809
1992 DQ ₈	* 1992 02 29.16111	10 32 04.05	+03 44 41.8	20.8	7 809	1992 DE ₉	1992 03 03.13333	10 16 45.88	+06 08 59.1	17.5	7 809
1992 DQ ₈	1992 03 03.13333	10 29 44.77	+04 04 37.5	19.7	7 809	1992 DE ₉	1992 03 05.09236	10 15 05.98	+06 12 52.8	18.6	7 809
1992 DQ ₈	1992 03 05.09236	10 28 14.37	+04 17 48.1	19.7	7 809	1992 DF ₉	* 1992 02 29.16111	10 20 09.28	+02 13 46.5	16.4	7 809
1992 DQ ₈	1992 03 08.09931	10 25 58.63	+04 37 53.3		7 809	1992 DF ₉	1992 03 03.13333	10 17 20.28	+02 23 01.6	18.6	7 809
1992 DR ₈	* 1992 02 29.16111	10 32 27.23	+01 52 05.0	17.5	7 809	1992 DF ₉	1992 03 05.09236	10 15 33.12	+02 29 21.7	17.5	7 809
1992 DR ₈	1992 03 03.13333	10 29 46.26	+02 08 32.1	18.6	7 809	1992 DF ₉	1992 04 07.06354	10 01 01.84	+03 54 08.5	18.8	7 809
1992 DR ₈	1992 03 05.09236	10 28 02.57	+02 19 29.4	20.8	7 809	1992 DG ₉	* 1992 02 29.16111	10 20 32.63	+05 43 06.2	19.7	7 809
1992 DR ₈	1992 03 08.09931	10 25 27.50	+02 36 25.0	19.7	7 809	1992 DG ₉	1992 03 03.13333	10 17 54.09	+06 06 27.4	19.7	7 809
1992 DS ₈	* 1992 02 29.16111	10 32 58.97	+04 14 01.7	19.7	7 809	1992 DG ₉	1992 03 05.09236	10 16 14.08	+06 21 37.3	20.8	7 809
1992 DS ₈	1992 03 03.13333	10 30 22.62	+04 29 37.0	20.8	7 809	1992 DH ₉	* 1992 02 29.16111	10 21 10.93	+02 37 18.3	20.8	7 809
1992 DS ₈	1992 03 08.09931	10 26 09.40	+04 56 03.7		7 809	1992 DH ₉	1992 03 03.13333	10 18 35.60	+03 01 45.1	19.7	7 809
1992 DT ₈	* 1992 02 29.16111	10 33 01.73	+05 26 18.5	17.5	7 809	1992 DH ₉	1992 03 05.09236	10 16 55.69	+03 17 57.8		7 809
1992 DT ₈	1992 03 03.13333	10 30 00.38	+05 27 54.1	18.6	7 809	1992 DJ ₉	* 1992 02 29.16111	10 21 11.83	+05 19 17.1	20.8	7 809
1992 DT ₈	1992 03 05.09236	10 28 01.86	+05 29 01.4	18.6	7 809	1992 DJ ₉	1992 03 03.13333	10 18 33.02	+05 34 11.0	18.6	7 809
1992 DT ₈	1992 03 08.09931	10 25 03.08	+05 30 40.4	17.5	7 809	1992 DJ ₉	1992 03 05.09236	10 16 50.75	+05 43 56.9		7 809
1992 DT ₈	1992 04 07.06354	10 04 01.75	+05 26 34.3	18.8	7 809	1992 DK ₉	* 1992 02 29.16111	10 21 19.91	+04 54 31.8	17.5	7 809
1992 DU ₈	* 1992 02 29.16111	10 34 30.97	+02 34 22.1	20.8	7 809	1992 DK ₉	1992 03 03.13333	10 18 57.46	+05 11 43.5	18.6	7 809
1992 DU ₈	1992 03 03.13333	10 31 47.36	+03 02 26.0	20.8	7 809	1992 DK ₉	1992 03 05.09236	10 17 24.84	+05 23 07.8	19.7	7 809
1992 DU ₈	1992 03 08.09931	10 27 17.54	+03 50 27.9		7 809	1992 DL ₉	* 1992 02 29.16111	10 22 43.18	+04 20 28.6	20.8	7 809
1992 DV ₈	* 1992 02 29.16111	10 34 33.38	+03 09 29.1	16.4	7 809	1992 DL ₉	1992 03 03.13333	10 20 34.49	+04 42 15.0	20.8	7 809
1992 DV ₈	1992 03 03.13333	10 31 38.86	+03 33 55.0	18.6	7 809	1992 DL ₉	1992 03 05.09236	10 19 11.49	+04 56 38.6	19.7	7 809
1992 DV ₈	1992 03 05.09236	10 29 44.93	+03 50 11.9	17.5	7 809	1992 DM ₉	* 1992 02 29.16111	10 24 33.50	+02 16 15.8	18.6	7 809
1992 DV ₈	1992 03 08.09931	10 26 52.98	+04 15 18.5	17.5	7 809	1992 DM ₉	1992 03 03.13333	10 22 08.37	+02 40 41.3	20.8	7 809
1992 DV ₈	1992 04 07.06354	10 07 43.82	+07 47 01.6	17.8	7 809	1992 DM ₉	1992 03 05.09236	10 20 34.55	+02 56 55.5	20.8	7 809
1992 DW ₈	* 1992 02 29.23611	11 17 05.03	+08 17 25.5		7 809	1992 DN ₉	* 1992 02 29.16111	10 25 44.92	+04 15 03.9	17.5	7 809
1992 DW ₈	1992 03 03.20000	11 14 20.04	+08 42 57.7	20.8	7 809	1992 DN ₉	1992 03 03.13333	10 23 02.75	+04 39 46.8	18.6	7 809
1992 DW ₈	1992 03 07.23125	11 10 32.95	+09 17 12.2	20.8	7 809	1992 DN ₉	1992 03 05.09236	10 21 17.88	+04 56 15.7	19.7	7 809
1992 DX ₈	* 1992 02 29.23611	11 17 58.99	+10 39 11.5	17.5	7 809	1992 DN ₉	1992 03 08.09931	10 18 41.75	+05 21 34.4	20.8	7 809
1992 DX ₈	1992 03 03.20000	11 15 14.00	+10 57 06.6	16.4	7 809	1992 DO ₉	* 1992 02 29.16111	10 26 11.26	+04 20 40.9	18.6	7 809
1992 DX ₈	1992 03 07.23125	11 11 26.31	+11 20 30.6	17.5	7 809	1992 DO ₉	1992 03 03.13333	10 23 07.64	+04 40 16.9	20.8	7 809
1992 DY ₈	* 1992 02 29.23611	11 18 03.10	+10 11 53.4	17.5	7 809	1992 DO ₉	1992 03 05.09236	10 21 08.23	+04 53 19.9	20.8	7 809
1992 DY ₈	1992 03 03.20000	11 15 21.03	+10 29 34.3	16.4	7 809	1992 DP ₉	* 1992 02 29.16111	10 27 31.62	+06 06 36.4	18.6	7 809
1992 DY ₈	1992 03 07.23125	11 11 35.02	+10 52 56.2	17.5	7 809	1992 DP ₉	1992 03 03.13333	10 25 14.09	+06 20 06.7	18.6	7 809
1992 DY ₈	1992 04 06.15243	10 48 37.62	+12 36 56.5	18.8	7 809	1992 DP ₉	1992 03 05.09236	10 23 45.47	+06 28 57.0	20.8	7 809
1992 DZ ₈	* 1992 02 29.23611	11 18 07.68	+09 50 05.3	18.6	7 809	1992 DQ ₉	* 1992 02 29.16111	10 27 35.82	+05 53 31.9	17.5	7 809
1992 DZ ₈	1992 03 03.20000	11 15 44.29	+10 06 17.4	17.5	7 809	1992 DQ ₉	1992 03 03.13333	10 24 55.14	+06 09 22.0	18.6	7 809
1992 DZ ₈	1992 03 07.23125	11 12 26.68	+10 27 45.5	18.6	7 809	1992 DQ ₉	1992 03 05.09236	10 23 11.19	+06 19 47.1	18.6	7 809
1992 DA ₉	* 1992 02 29.23611	11 18 15.65	+10 35 04.9	17.5	7 809	1992 DQ ₉	1992 03 08.09931	10 20 35.70	+06 35 36.2	20.8	7 809
1992 DA ₉	1992 03 03.20000	11 15 02.86	+10 47 44.5	17.5	7 809	1992 DR ₉	* 1992 02 29.16111	10 28 47.06	+05 39 46.3	17.5	7 809
1992 DA ₉	1992 03 07.23125	11 10 34.89	+11 04 13.2	18.6	7 809	1992 DR ₉	1992 03 03.13333	10 25 58.86	+05 56 36.6	18.6	7 809
1992 DA ₉	1992 04 06.15243	10 42 03.17	+12 05 39.4	19.8	7 809	1992 DR ₉	1992 03 05.09236	10 24 10.07	+06 07 44.4	19.7	7 809
1992 DB ₉	* 1992 02 29.23611	11 18 38.05	+10 22 01.1	17.5	7 809	1992 DS ₉	* 1992 02 29.16111	10 29 13.98	+03 49 54.9		7 809
1992 DB ₉	1992 03 03.20000	11 15 39.97	+10 33 58.7	16.4	7 809	1992 DS ₉	1992 03 03.13333	10 26 49.13	+04 17 29.7	19.7	7 809
1992 DB ₉	1992 03 07.23125	11 11 33.17	+10 49 33.6	17.5	7 809	1992 DS ₉	1992 03 05.09236	10 25 14.73	+04 35 46.3	19.7	7 809
1992 DB ₉	1992 04 06.15243	10 45 31.35	+11 49 06.0	18.8	7 809	1992 DT ₉	* 1992 02 29.16111	10 29 22.74	+05 25 54.8		7 809

1992 DT ₉	1992 03 03.13333	10 27 14.07	+05 47 32.6	19.7	7 809	1992 DG ₁₀	* 1992 02 29.16111	10 30 08.29	+04 56 56.9	17.5	7 809
1992 DT ₉	1992 03 05.09236	10 25 50.61	+06 01 42.8		7 809	1992 DG ₁₀	1992 03 03.13333	10 26 58.79	+05 14 18.5	18.6	7 809
1992 DU ₉	* 1992 02 29.16111	10 30 01.37	+02 41 09.1	17.5	7 809	1992 DG ₁₀	1992 03 05.09236	10 24 56.68	+05 25 43.8	19.7	7 809
1992 DU ₉	1992 03 03.13333	10 27 24.92	+02 59 26.5	19.7	7 809	1992 DG ₁₀	1992 03 08.09931	10 21 55.10	+05 42 59.2		7 809
1992 DU ₉	1992 03 05.09236	10 25 43.59	+03 11 38.7	19.7	7 809	1992 DG ₁₀	1992 04 07.06354	10 03 46.86	+07 45 45.5	20.9	7 809
1992 DU ₉	1992 03 08.09931	10 23 11.96	+03 30 31.3	20.8	7 809	1992 EA	1992 03 01.28750	11 14 59.08	+04 35 54.5	16.4	7 809
1992 DV ₉	* 1992 02 29.16111	10 30 36.50	+05 02 27.6	19.7	7 809	1992 EA	1992 03 03.26667	11 13 00.68	+04 46 51.8	15.3	7 809
1992 DV ₉	1992 03 03.13333	10 27 59.85	+05 22 59.0	19.7	7 809	1992 EA	1992 03 06.23750	11 09 59.59	+05 03 38.4	15.3	7 809
1992 DV ₉	1992 03 05.09236	10 26 19.23	+05 36 29.6	20.8	7 809	1992 EA	1992 04 07.14618	10 43 32.51	+07 26 15.6	17.8	7 809
1992 DW ₉	* 1992 02 29.16111	10 32 05.11	+03 42 45.4	17.5	7 809	1992 EN	1992 03 01.28750	11 17 43.57	+06 04 50.7	16.4	7 809
1992 DW ₉	1992 03 03.13333	10 29 27.41	+03 59 25.4	19.7	7 809	1992 EN	1992 03 03.26667	11 16 08.09	+06 11 44.0	15.3	7 809
1992 DW ₉	1992 03 05.09236	10 27 45.44	+04 10 36.2	19.7	7 809	1992 EN	1992 03 06.23750	11 13 43.70	+06 22 06.2	15.3	7 809
1992 DW ₉	1992 03 08.09931	10 25 13.36	+04 27 52.8	20.8	7 809	1992 EB ₂	1992 03 06.09722	10 39 24.42	+09 11 41.8	20.8	7 809
1992 DX ₉	* 1992 02 29.16111	10 32 26.92	+02 04 08.6	18.6	7 809	1992 EB ₂	1992 03 08.17222	10 37 56.08	+09 24 21.8	18.6	7 809
1992 DX ₉	1992 03 03.13333	10 29 50.07	+02 31 13.4	20.8	7 809	1992 EB ₂	1992 03 09.08958	10 37 17.61	+09 29 54.2	20.8	7 809
1992 DX ₉	1992 03 05.09236	10 28 08.29	+02 49 21.5	19.7	7 809	1992 EB ₂	1992 04 06.11007	10 22 52.87	+11 40 12.4	19.8	7 809
1992 DY ₉	* 1992 02 29.16111	10 32 41.54	+03 51 15.8	20.8	7 809	1992 EW ₂	1992 02 29.23611	10 59 16.28	+09 38 22.7	20.8	7 809
1992 DY ₉	1992 03 03.13333	10 30 26.80	+04 24 35.7		7 809	1992 EW ₂	1992 03 06.09722	10 53 29.19	+10 10 46.2	20.8	7 809
1992 DY ₉	1992 03 05.09236	10 28 59.14	+04 46 44.8		7 809	1992 EW ₂	1992 03 08.17222	10 51 25.77	+10 21 47.9	20.8	7 809
1992 DZ ₉	* 1992 02 29.16111	10 32 49.12	+02 08 13.1	16.4	7 809	1992 EW ₂	1992 03 09.08958	10 50 31.73	+10 26 33.8	22.0	7 809
1992 DZ ₉	1992 03 03.13333	10 30 35.34	+02 19 04.8	18.6	7 809	1992 EP ₄	1992 04 04.06979	10 02 50.92	+16 00 46.6	17.8	7 809
1992 DZ ₉	1992 03 05.09236	10 29 08.13	+02 26 22.4	18.6	7 809	1992 EX ₄	1992 04 04.11840	10 12 36.58	+19 39 37.8	19.8	7 809
1992 DZ ₉	1992 03 08.09931	10 26 56.21	+02 37 42.5	20.8	7 809	1992 EB ₅	1992 04 04.06979	10 05 25.49	+17 19 29.9	15.7	7 809
1992 DA ₁₀	* 1992 02 29.16111	10 20 05.88	+04 23 35.9	19.7	7 809	1992 ES ₅	1992 04 04.11840	10 20 24.63	+16 52 21.3	19.8	7 809
1992 DA ₁₀	1992 03 03.13333	10 17 59.48	+04 36 58.2	19.7	7 809	1992 EW ₅	1992 04 04.11840	10 19 34.39	+16 32 04.6	19.8	7 809
1992 DA ₁₀	1992 03 05.09236	10 16 37.58	+04 45 48.9	19.7	7 809	1992 EZ ₅	1992 04 04.11840	10 24 54.64	+16 30 28.4	18.8	7 809
1992 DA ₁₀	1992 03 08.09931	10 14 34.94	+04 59 19.3	20.8	7 809	1992 EW ₇	1992 04 06.06285	09 59 52.58	+10 31 57.6	18.8	7 809
1992 DA ₁₀	1992 04 07.06354	10 00 20.37	+06 52 15.8	20.9	7 809	1992 ED ₈	1992 04 06.06285	10 09 09.28	+11 16 29.0	18.8	7 809
1992 DB ₁₀	* 1992 02 29.16111	10 22 41.46	+05 04 16.6	18.6	7 809	1992 EE ₈	1992 04 06.06285	10 07 31.13	+12 15 46.5	19.8	7 809
1992 DB ₁₀	1992 03 03.13333	10 20 36.86	+05 20 14.7	19.7	7 809	1992 EW ₈	1992 04 06.11007	10 24 29.47	+11 43 21.0	17.8	7 809
1992 DB ₁₀	1992 03 05.09236	10 19 16.01	+05 30 48.3	19.7	7 809	1992 EJ ₉	1992 04 04.16354	10 32 47.79	+15 45 16.9	20.9	7 809
1992 DB ₁₀	1992 03 08.09931	10 17 14.80	+05 46 52.8	19.7	7 809	1992 EM ₉	* 1992 03 02.14305	10 19 00.35	+10 48 13.9	18.6	7 809
1992 DB ₁₀	1992 04 07.06354	10 03 24.00	+08 00 57.5	19.8	7 809	1992 EM ₉	1992 03 04.09375	10 17 24.10	+10 52 21.4	19.7	7 809
1992 DC ₁₀	* 1992 02 29.16111	10 24 36.86	+03 34 39.0	15.3	7 809	1992 EM ₉	1992 03 07.09167	10 15 00.13	+10 58 19.9	20.8	7 809
1992 DC ₁₀	1992 03 03.13333	10 21 43.56	+03 51 13.2	17.5	7 809	1992 EN ₉	* 1992 03 02.14305	10 19 11.86	+10 43 29.9	17.5	7 809
1992 DC ₁₀	1992 03 05.09236	10 19 51.69	+04 02 13.7	16.4	7 809	1992 EN ₉	1992 03 04.09375	10 17 44.63	+10 52 57.7	16.4	7 809
1992 DC ₁₀	1992 03 08.09931	10 17 04.92	+04 19 07.3	16.4	7 809	1992 EN ₉	1992 03 07.09167	10 15 34.36	+11 07 03.3	16.4	7 809
1992 DC ₁₀	1992 04 07.06354	09 59 52.81	+06 32 44.9	17.8	7 809	1992 EO ₉	* 1992 03 02.14305	10 19 12.33	+11 14 43.3	17.5	7 809
1992 DD ₁₀	* 1992 02 29.16111	10 26 27.54	+04 14 07.4	17.5	7 809	1992 EO ₉	1992 03 04.09375	10 17 44.61	+11 22 21.5	17.5	7 809
1992 DD ₁₀	1992 03 03.13333	10 24 21.66	+04 28 17.7	18.6	7 809	1992 EO ₉	1992 03 07.09167	10 15 32.48	+11 33 42.0	18.6	7 809
1992 DD ₁₀	1992 03 05.09236	10 22 59.80	+04 37 42.0	18.6	7 809	1992 EP ₉	* 1992 03 02.14305	10 21 05.97	+10 41 43.2	17.5	7 809
1992 DD ₁₀	1992 03 08.09931	10 20 56.77	+04 52 05.3	18.6	7 809	1992 EP ₉	1992 03 04.09375	10 19 12.64	+10 50 46.7	17.5	7 809
1992 DD ₁₀	1992 04 07.06354	10 06 20.72	+06 54 18.3	18.8	7 809	1992 EP ₉	1992 03 07.09167	10 16 22.71	+11 04 12.3	17.5	7 809
1992 DE ₁₀	* 1992 02 29.16111	10 28 01.76	+01 34 17.9	17.5	7 809	1992 EQ ₉	* 1992 03 02.14305	10 21 47.04	+07 12 31.7	16.4	7 809
1992 DE ₁₀	1992 03 03.13333	10 25 36.50	+02 02 44.8	19.7	7 809	1992 EQ ₉	1992 03 04.09375	10 19 57.47	+07 26 20.9	16.4	7 809
1992 DE ₁₀	1992 03 05.09236	10 24 01.97	+02 21 48.6	18.6	7 809	1992 EQ ₉	1992 03 07.09167	10 17 15.18	+07 47 06.4	17.5	7 809
1992 DE ₁₀	1992 03 08.09931	10 21 39.91	+02 51 16.7	19.7	7 809	1992 ER ₉	* 1992 03 02.14305	10 24 20.48	+10 20 52.6	16.4	7 809
1992 DE ₁₀	1992 04 07.06354	10 06 20.60	+07 15 03.5	18.8	7 809	1992 ER ₉	1992 03 04.09375	10 22 53.91	+10 29 32.8	16.4	7 809
1992 DF ₁₀	* 1992 02 29.16111	10 20 40.38	+02 48 09.4	16.4	7 809	1992 ER ₉	1992 03 07.09167	10 20 42.99	+10 42 36.5	17.5	7 809
1992 DF ₁₀	1992 03 03.13333	10 17 50.74	+03 09 59.5	17.5	7 809	1992 ES ₉	* 1992 03 02.14305	10 24 28.79	+07 18 05.3	17.5	7 809
1992 DF ₁₀	1992 03 05.09236	10 16 01.98	+03 24 23.9	18.6	7 809	1992 ES ₉	1992 03 04.09375	10 22 46.75	+07 20 57.8	17.5	7 809
1992 DF ₁₀	1992 04 07.06354	09 57 52.12	+06 42 51.6	17.8	7 809	1992 ES ₉	1992 03 07.09167	10 20 12.67	+07 25 13.7	19.7	7 809

1992 ET ₉	* 1992 03 02.14305	10 25 04.27	+10 27 20.3	17.5	7 809	1992 EK ₁₀	* 1992 03 02.14305	10 34 19.29	+07 18 18.4		7 809
1992 ET ₉	1992 03 04.09375	10 23 15.35	+10 42 39.5	18.6	7 809	1992 EK ₁₀	1992 03 04.09375	10 32 54.90	+07 35 43.4	19.7	7 809
1992 ET ₉	1992 03 07.09167	10 20 31.49	+11 05 40.5	17.5	7 809	1992 EK ₁₀	1992 03 07.09167	10 30 48.17	+08 02 03.1		7 809
1992 EU ₉	* 1992 03 02.14305	10 26 03.78	+10 09 17.4	19.7	7 809	1992 EL ₁₀	* 1992 03 02.14305	10 34 24.57	+08 04 32.4	19.7	7 809
1992 EU ₉	1992 03 04.09375	10 24 35.11	+10 24 21.7	17.5	7 809	1992 EL ₁₀	1992 03 04.09375	10 32 36.00	+08 17 27.9	20.8	7 809
1992 EU ₉	1992 03 07.09167	10 22 21.31	+10 47 10.2	20.8	7 809	1992 EL ₁₀	1992 03 07.09167	10 29 50.83	+08 37 08.4		7 809
1992 EV ₉	* 1992 03 02.14305	10 26 07.16	+10 55 42.8	20.8	7 809	1992 EM ₁₀	* 1992 03 02.14305	10 34 36.75	+08 12 37.9	18.6	7 809
1992 EV ₉	1992 03 04.09375	10 24 44.14	+11 04 16.4	19.7	7 809	1992 EM ₁₀	1992 03 04.09375	10 33 04.37	+08 20 30.1	17.5	7 809
1992 EV ₉	1992 03 07.09167	10 22 38.40	+11 17 08.0		7 809	1992 EM ₁₀	1992 03 07.09167	10 30 44.88	+08 32 21.6	18.6	7 809
1992 EV ₉	1992 04 06.06285	10 06 58.46	+12 49 19.5	19.8	7 809	1992 EN ₁₀	* 1992 03 02.14305	10 34 37.05	+10 56 03.7	17.5	7 809
1992 EW ₉	* 1992 03 02.14305	10 26 10.94	+10 42 46.3	16.4	7 809	1992 EN ₁₀	1992 03 04.09375	10 32 45.74	+11 16 15.3	17.5	7 809
1992 EW ₉	1992 03 04.09375	10 24 37.14	+11 01 16.7	16.4	7 809	1992 EN ₁₀	1992 03 07.09167	10 29 56.47	+11 46 52.6	18.6	7 809
1992 EW ₉	1992 03 07.09167	10 22 16.06	+11 29 09.1	16.4	7 809	1992 EO ₁₀	* 1992 03 02.14305	10 34 55.10	+11 08 03.1	20.8	7 809
1992 EW ₉	1992 04 04.06979	10 07 03.84	+14 49 21.7	16.7	7 809	1992 EO ₁₀	1992 03 04.09375	10 33 17.67	+11 20 23.7		7 809
1992 EX ₉	* 1992 03 02.14305	10 26 35.11	+07 07 23.0	17.5	7 809	1992 EO ₁₀	1992 03 07.09167	10 30 51.83	+11 38 37.6		7 809
1992 EX ₉	1992 03 04.09375	10 24 55.01	+07 20 31.8	18.6	7 809	1992 EP ₁₀	* 1992 03 02.27326	10 50 00.40	+06 41 24.9	16.4	7 809
1992 EX ₉	1992 03 07.09167	10 22 25.42	+07 40 23.1	19.7	7 809	1992 EP ₁₀	1992 03 06.09722	10 47 00.48	+07 27 47.6	18.6	7 809
1992 EY ₉	* 1992 03 02.14305	10 28 14.67	+07 53 00.5	19.7	7 809	1992 EP ₁₀	1992 03 08.17222	10 45 23.73	+07 52 47.2	17.5	7 809
1992 EY ₉	1992 03 04.09375	10 26 17.52	+08 01 57.6	17.5	7 809	1992 EP ₁₀	1992 03 09.08958	10 44 41.71	+08 03 45.0	18.6	7 809
1992 EY ₉	1992 03 07.09167	10 23 21.01	+08 15 26.7	20.8	7 809	1992 EP ₁₀	1992 04 06.11007	10 29 40.78	+12 38 10.4	17.8	7 809
1992 EZ ₉	* 1992 03 02.14305	10 29 18.38	+07 10 21.4	17.5	7 809	1992 EQ ₁₀	* 1992 03 06.09722	10 37 00.90	+09 06 08.7		7 809
1992 EZ ₉	1992 03 04.09375	10 27 41.49	+07 23 14.9	16.4	7 809	1992 EQ ₁₀	1992 03 08.17222	10 35 32.61	+09 17 56.1	19.7	7 809
1992 EZ ₉	1992 03 07.09167	10 25 15.57	+07 42 51.3	17.5	7 809	1992 EQ ₁₀	1992 03 09.08958	10 34 54.20	+09 23 04.8	19.7	7 809
1992 EZ ₉	1992 04 06.06285	10 09 10.63	+10 12 27.5	17.8	7 809	1992 ER ₁₀	* 1992 03 06.09722	10 39 13.32	+09 27 39.5	20.8	7 809
1992 EA ₁₀	* 1992 03 02.14305	10 29 23.38	+11 56 09.8	17.5	7 809	1992 ER ₁₀	1992 03 08.17222	10 37 26.83	+09 43 15.3	19.7	7 809
1992 EA ₁₀	1992 03 04.09375	10 27 16.05	+11 58 07.2	17.5	7 809	1992 ER ₁₀	1992 03 09.08958	10 36 40.94	+09 50 01.5	20.8	7 809
1992 EA ₁₀	1992 03 07.09167	10 24 05.81	+12 00 21.8	17.5	7 809	1992 ES ₁₀	* 1992 03 06.09722	10 39 17.24	+09 21 51.9	19.7	7 809
1992 EA ₁₀	1992 04 06.06285	10 05 35.72	+11 16 04.3	18.8	7 809	1992 ES ₁₀	1992 03 08.17222	10 37 42.24	+09 32 59.6	18.6	7 809
1992 EB ₁₀	* 1992 03 02.14305	10 29 37.03	+11 27 25.0	18.6	7 809	1992 ES ₁₀	1992 03 09.08958	10 37 00.80	+09 37 50.2	19.7	7 809
1992 EB ₁₀	1992 03 04.09375	10 27 43.42	+11 41 03.4	18.6	7 809	1992 ET ₁₀	* 1992 03 06.09722	10 39 25.62	+11 01 17.5	17.5	7 809
1992 EB ₁₀	1992 03 07.09167	10 24 51.16	+12 01 28.7	20.8	7 809	1992 ET ₁₀	1992 03 08.17222	10 37 48.80	+11 10 44.6	17.5	7 809
1992 EC ₁₀	* 1992 03 02.14305	10 30 43.87	+10 58 42.7	17.5	7 809	1992 ET ₁₀	1992 03 09.08958	10 37 06.97	+11 14 47.3	18.6	7 809
1992 EC ₁₀	1992 03 04.09375	10 29 20.37	+11 12 31.7	18.6	7 809	1992 EU ₁₀	* 1992 03 06.09722	10 40 08.10	+11 21 48.9	19.7	7 809
1992 EC ₁₀	1992 03 07.09167	10 27 14.27	+11 33 19.3	18.6	7 809	1992 EU ₁₀	1992 03 08.17222	10 38 11.94	+11 37 46.6	18.6	7 809
1992 ED ₁₀	* 1992 03 02.14305	10 30 55.71	+07 34 36.6	17.5	7 809	1992 EU ₁₀	1992 03 09.08958	10 37 21.56	+11 44 40.4	18.6	7 809
1992 ED ₁₀	1992 03 04.09375	10 29 30.31	+07 52 28.8	17.5	7 809	1992 EU ₁₀	1992 04 06.11007	10 19 12.45	+14 09 49.6	18.8	7 809
1992 ED ₁₀	1992 03 07.09167	10 27 22.51	+08 19 33.4	18.6	7 809	1992 EV ₁₀	* 1992 03 06.09722	10 40 17.83	+11 16 49.7	19.7	7 809
1992 EE ₁₀	* 1992 03 02.14305	10 31 45.46	+08 32 21.6		7 809	1992 EV ₁₀	1992 03 08.17222	10 38 48.91	+11 32 41.0	18.6	7 809
1992 EE ₁₀	1992 03 04.09375	10 29 53.55	+08 48 00.8	20.8	7 809	1992 EV ₁₀	1992 03 09.08958	10 38 10.41	+11 39 33.0	19.7	7 809
1992 EE ₁₀	1992 03 07.09167	10 27 05.37	+09 11 34.4		7 809	1992 EW ₁₀	* 1992 03 06.09722	10 40 44.59	+09 57 36.8	19.7	7 809
1992 EF ₁₀	* 1992 03 02.14305	10 32 42.05	+07 29 46.8	18.6	7 809	1992 EW ₁₀	1992 03 08.17222	10 38 43.03	+09 56 00.4	18.6	7 809
1992 EF ₁₀	1992 03 04.09375	10 31 04.06	+07 41 54.4	18.6	7 809	1992 EW ₁₀	1992 03 09.08958	10 37 49.66	+09 55 11.4	20.8	7 809
1992 EF ₁₀	1992 03 07.09167	10 28 36.16	+08 00 17.0	20.8	7 809	1992 EW ₁₀	1992 04 07.10451	10 16 40.22	+08 59 12.9	18.8	7 809
1992 EG ₁₀	* 1992 03 02.14305	10 32 49.63	+09 44 57.2	18.6	7 809	1992 EX ₁₀	* 1992 03 06.09722	10 41 01.38	+11 04 34.0	19.7	7 809
1992 EG ₁₀	1992 03 04.09375	10 30 55.72	+09 46 17.7	18.6	7 809	1992 EX ₁₀	1992 03 08.17222	10 39 10.65	+11 10 13.9	18.6	7 809
1992 EG ₁₀	1992 03 07.09167	10 28 04.52	+09 47 55.7	20.8	7 809	1992 EX ₁₀	1992 03 09.08958	10 38 22.58	+11 12 37.5	20.8	7 809
1992 EH ₁₀	* 1992 03 02.14305	10 33 16.34	+08 46 34.3	18.6	7 809	1992 EX ₁₀	1992 04 06.11007	10 20 26.54	+11 41 29.8	18.8	7 809
1992 EH ₁₀	1992 03 04.09375	10 31 46.43	+08 55 51.5	17.5	7 809	1992 EY ₁₀	* 1992 03 06.09722	10 41 05.36	+09 56 46.1	19.7	7 809
1992 EH ₁₀	1992 03 07.09167	10 29 30.60	+09 09 50.9	18.6	7 809	1992 EY ₁₀	1992 03 08.17222	10 39 07.21	+10 00 25.1	18.6	7 809
1992 EJ ₁₀	* 1992 03 02.14305	10 33 54.98	+08 35 28.2	19.7	7 809	1992 EY ₁₀	1992 03 09.08958	10 38 15.78	+10 01 57.2	19.7	7 809
1992 EJ ₁₀	1992 03 04.09375	10 31 55.84	+08 47 08.9	18.6	7 809	1992 EZ ₁₀	* 1992 03 06.09722	10 41 35.47	+07 49 15.4	19.7	7 809
1992 EJ ₁₀	1992 03 07.09167	10 28 55.93	+09 04 41.1		7 809	1992 EZ ₁₀	1992 03 08.17222	10 40 18.23	+07 59 05.9	18.6	7 809

1992 EZ ₁₀	1992 03 09.08958	10 39 44.57	+08 03 24.2	19.7	7 809	1992 EP ₁₁	1992 03 08.17222	10 50 55.20	+08 57 38.7	18.6	7 809
1992 EZ ₁₀	1992 04 06.11007	10 26 52.33	+09 47 05.1	18.8	7 809	1992 EP ₁₁	1992 03 09.08958	10 50 11.89	+09 02 50.5	20.8	7 809
1992 EA ₁₁	* 1992 03 06.09722	10 42 09.68	+08 16 19.5	19.7	7 809	1992 EQ ₁₁	1992 02 29.23611	10 58 32.52	+09 09 32.0	17.5	7 809
1992 EA ₁₁	1992 03 08.17222	10 40 17.19	+08 33 06.3	18.6	7 809	1992 EQ ₁₁	* 1992 03 06.09722	10 53 53.04	+09 36 28.5	18.6	7 809
1992 EA ₁₁	1992 03 09.08958	10 39 28.65	+08 40 24.6	20.8	7 809	1992 EQ ₁₁	1992 03 08.17222	10 52 14.65	+09 45 42.3	17.5	7 809
1992 EA ₁₁	1992 04 06.11007	10 23 24.50	+11 17 52.9	20.9	7 809	1992 EQ ₁₁	1992 03 09.08958	10 51 31.59	+09 49 43.6	18.6	7 809
1992 EB ₁₁	* 1992 03 06.09722	10 42 13.07	+11 08 25.6	19.7	7 809	1992 EQ ₁₁	1992 04 06.15243	10 33 53.52	+11 17 21.8	18.8	7 809
1992 EB ₁₁	1992 03 08.17222	10 40 13.00	+11 18 14.2	19.7	7 809	1992 ER ₁₁	1992 02 29.23611	10 59 32.76	+08 36 35.3	16.4	7 809
1992 EB ₁₁	1992 03 09.08958	10 39 20.88	+11 22 26.4	19.7	7 809	1992 ER ₁₁	* 1992 03 06.09722	10 54 22.11	+09 24 46.4	16.4	7 809
1992 EC ₁₁	* 1992 03 06.09722	10 43 41.77	+11 13 34.4	18.6	7 809	1992 ER ₁₁	1992 03 08.17222	10 52 31.51	+09 41 34.4	16.4	7 809
1992 EC ₁₁	1992 03 08.17222	10 42 07.65	+11 22 28.1	17.5	7 809	1992 ER ₁₁	1992 03 09.08958	10 51 43.11	+09 48 55.3	17.5	7 809
1992 EC ₁₁	1992 03 09.08958	10 41 26.66	+11 26 18.9	19.7	7 809	1992 ER ₁₁	1992 04 06.15243	10 33 10.35	+12 36 01.0	16.7	7 809
1992 EC ₁₁	1992 04 06.11007	10 25 05.01	+12 45 49.2	17.8	7 809	1992 ES ₁₁	1992 02 29.23611	11 00 34.80	+08 53 16.8	18.6	7 809
1992 ED ₁₁	* 1992 03 06.09722	10 44 57.94	+10 06 57.3	17.5	7 809	1992 ES ₁₁	1992 03 03.20000	10 57 40.01	+09 09 17.0	17.5	7 809
1992 ED ₁₁	1992 03 08.17222	10 42 57.81	+10 11 41.4	17.5	7 809	1992 ES ₁₁	* 1992 03 06.09722	10 54 47.91	+09 24 41.5	19.7	7 809
1992 ED ₁₁	1992 03 09.08958	10 42 05.61	+10 13 41.0	17.5	7 809	1992 ES ₁₁	1992 03 08.17222	10 52 44.50	+09 35 29.9	19.7	7 809
1992 ED ₁₁	1992 04 06.11007	10 22 22.03	+10 33 38.7	17.8	7 809	1992 ES ₁₁	1992 03 09.08958	10 51 50.42	+09 40 11.2	19.7	7 809
1992 EE ₁₁	* 1992 03 06.09722	10 46 14.87	+10 42 38.8	17.5	7 809	1992 ES ₁₁	1992 04 06.11007	10 30 19.46	+11 14 18.4	18.8	7 809
1992 EE ₁₁	1992 03 08.17222	10 44 38.33	+10 52 34.3	17.5	7 809	1992 ET ₁₁	* 1992 03 06.09722	10 37 12.75	+11 10 30.4	18.6	7 809
1992 EE ₁₁	1992 03 09.08958	10 43 56.25	+10 56 52.5	17.5	7 809	1992 ET ₁₁	1992 03 08.17222	10 35 13.11	+11 13 10.6	18.6	7 809
1992 EE ₁₁	1992 04 06.11007	10 27 36.94	+12 25 25.5	17.8	7 809	1992 ET ₁₁	1992 03 09.08958	10 34 21.54	+11 14 12.9	19.7	7 809
1992 EF ₁₁	* 1992 03 06.09722	10 46 29.71	+11 14 42.9	19.7	7 809	1992 EU ₁₁	* 1992 03 06.09722	10 42 46.99	+07 09 26.3	17.5	7 809
1992 EF ₁₁	1992 03 08.17222	10 44 30.01	+11 27 28.9	18.6	7 809	1992 EU ₁₁	1992 03 08.17222	10 40 33.94	+07 15 12.2	18.6	7 809
1992 EF ₁₁	1992 03 09.08958	10 43 37.99	+11 32 58.9	20.8	7 809	1992 EU ₁₁	1992 03 09.08958	10 39 35.98	+07 17 42.9	18.6	7 809
1992 EG ₁₁	* 1992 03 06.09722	10 47 07.66	+08 52 06.0	18.6	7 809	1992 EV ₁₁	* 1992 03 06.09722	10 45 24.74	+12 02 00.5	18.6	7 809
1992 EG ₁₁	1992 03 08.17222	10 45 29.75	+09 12 02.9	18.6	7 809	1992 EV ₁₁	1992 03 08.17222	10 43 46.43	+12 12 23.5	17.5	7 809
1992 EG ₁₁	1992 03 09.08958	10 44 46.90	+09 20 48.7	20.8	7 809	1992 EV ₁₁	1992 03 09.08958	10 43 03.61	+12 16 51.3	20.8	7 809
1992 EG ₁₁	1992 04 06.11007	10 28 13.74	+13 00 05.4	18.8	7 809	1992 EW ₁₁	* 1992 03 06.09722	10 47 31.34	+11 39 37.6		7 809
1992 EH ₁₁	* 1992 03 06.09722	10 47 42.76	+08 05 22.6	17.5	7 809	1992 EW ₁₁	1992 03 08.17222	10 45 37.33	+11 49 39.8	19.7	7 809
1992 EH ₁₁	1992 03 08.17222	10 46 09.67	+08 16 20.4	17.5	7 809	1992 EW ₁₁	1992 03 09.08958	10 44 47.68	+11 53 58.0	20.8	7 809
1992 EH ₁₁	1992 03 09.08958	10 45 29.31	+08 21 04.9	17.5	7 809	1992 EX ₁₁	1992 03 02.27326	10 51 45.00	+06 43 27.4	16.4	7 809
1992 EH ₁₁	1992 04 06.11007	10 30 24.52	+10 08 11.6	17.8	7 809	1992 EX ₁₁	* 1992 03 06.09722	10 48 20.26	+07 08 05.5	19.7	7 809
1992 EJ ₁₁	* 1992 03 06.09722	10 48 03.73	+09 37 02.1	17.5	7 809	1992 EX ₁₁	1992 03 08.17222	10 46 29.92	+07 21 16.8	20.8	7 809
1992 EJ ₁₁	1992 03 08.17222	10 46 31.51	+10 03 35.4	18.6	7 809	1992 EX ₁₁	1992 03 09.08958	10 45 42.14	+07 27 03.3	20.8	7 809
1992 EJ ₁₁	1992 03 09.08958	10 45 51.77	+10 15 10.0	18.6	7 809	1992 EY ₁₁	* 1992 03 06.09722	10 48 25.05	+11 48 39.5	17.5	7 809
1992 EK ₁₁	* 1992 03 06.09722	10 48 06.24	+07 51 36.6	19.7	7 809	1992 EY ₁₁	1992 03 08.17222	10 46 50.59	+11 57 34.4	17.5	7 809
1992 EK ₁₁	1992 03 08.17222	10 46 23.78	+08 09 37.9	19.7	7 809	1992 EY ₁₁	1992 03 09.08958	10 46 09.51	+12 01 23.9	17.5	7 809
1992 EK ₁₁	1992 03 09.08958	10 45 39.51	+08 17 29.5	19.7	7 809	1992 EY ₁₁	1992 04 06.11007	10 30 46.22	+13 09 35.8	17.8	7 809
1992 EK ₁₁	1992 04 06.11007	10 31 22.50	+11 09 53.2	20.9	7 809	1992 EZ ₁₁	* 1992 03 06.09722	10 49 11.79	+11 37 02.8	18.6	7 809
1992 EL ₁₁	* 1992 03 06.09722	10 48 08.87	+08 45 16.1	18.6	7 809	1992 EZ ₁₁	1992 03 08.17222	10 47 29.97	+11 49 45.4	17.5	7 809
1992 EL ₁₁	1992 03 08.17222	10 46 38.30	+08 55 05.7	17.5	7 809	1992 EZ ₁₁	1992 03 09.08958	10 46 45.49	+11 55 15.7	17.5	7 809
1992 EL ₁₁	1992 03 09.08958	10 45 58.72	+08 59 23.4	20.8	7 809	1992 EZ ₁₁	1992 04 06.11007	10 28 57.13	+13 56 17.8	17.8	7 809
1992 EM ₁₁	* 1992 03 06.09722	10 48 41.04	+11 18 10.7		7 809	1992 EA ₁₂	* 1992 03 06.09722	10 50 22.87	+11 28 21.9	19.7	7 809
1992 EM ₁₁	1992 03 08.17222	10 46 58.09	+11 28 40.4	19.7	7 809	1992 EA ₁₂	1992 03 08.17222	10 48 49.11	+11 41 25.0	18.6	7 809
1992 EM ₁₁	1992 03 09.08958	10 46 13.30	+11 33 11.9	20.8	7 809	1992 EA ₁₂	1992 03 09.08958	10 48 08.21	+11 47 04.1	19.7	7 809
1992 EN ₁₁	* 1992 03 06.09722	10 48 52.67	+07 45 34.6	19.7	7 809	1992 EB ₁₂	1992 03 02.27326	10 54 44.04	+06 31 42.5	16.4	7 809
1992 EN ₁₁	1992 03 08.17222	10 47 22.05	+07 55 15.9	18.6	7 809	1992 EB ₁₂	* 1992 03 06.09722	10 51 24.80	+07 00 17.5	18.6	7 809
1992 EN ₁₁	1992 03 09.08958	10 46 42.42	+07 59 29.9	20.8	7 809	1992 EB ₁₂	1992 03 08.17222	10 49 36.74	+07 15 38.9	18.6	7 809
1992 EO ₁₁	* 1992 03 06.09722	10 49 41.97	+08 13 11.4		7 809	1992 EB ₁₂	1992 03 09.08958	10 48 49.34	+07 22 26.3	19.7	7 809
1992 EO ₁₁	1992 03 08.17222	10 47 52.85	+08 28 21.6	20.8	7 809	1992 EC ₁₂	1992 03 02.27326	10 55 32.00	+06 42 36.0	16.4	7 809
1992 EO ₁₁	1992 03 09.08958	10 47 05.90	+08 34 54.0		7 809	1992 EC ₁₂	* 1992 03 06.09722	10 52 55.07	+07 10 37.1	17.5	7 809
1992 EP ₁₁	* 1992 03 06.09722	10 52 34.45	+08 45 44.2	18.6	7 809	1992 EC ₁₂	1992 03 08.17222	10 51 30.09	+07 25 39.7	17.5	7 809

1992 EC ₁₂	1992 03 09.08958	10 50 52.93	+07 32 16.6	18.6	7 809	1992 EQ ₁₂	1992 03 06.23750	11 01 45.33	+02 49 21.0		7 809
1992 EC ₁₂	1992 04 06.15243	10 35 46.78	+10 23 30.0	18.8	7 809	1992 ER ₁₂	* 1992 03 01.28750	11 07 30.59	+03 00 40.7	16.4	7 809
1992 ED ₁₂	* 1992 03 06.09722	10 53 02.08	+11 19 24.7	19.7	7 809	1992 ER ₁₂	1992 03 03.26667	11 05 44.12	+03 13 55.8	16.4	7 809
1992 ED ₁₂	1992 03 08.17222	10 51 20.02	+11 28 59.9	18.6	7 809	1992 ER ₁₂	1992 03 06.23750	11 03 02.41	+03 34 16.1	17.5	7 809
1992 ED ₁₂	1992 03 09.08958	10 50 35.46	+11 33 07.2	19.7	7 809	1992 ER ₁₂	1992 04 07.14618	10 40 33.16	+06 44 38.9	18.8	7 809
1992 EE ₁₂	1992 02 29.23611	10 58 25.71	+10 50 08.2	19.7	7 809	1992 ES ₁₂	* 1992 03 01.28750	11 08 28.33	+02 58 36.0	17.5	7 809
1992 EE ₁₂	* 1992 03 06.09722	10 53 40.16	+11 43 49.5	20.8	7 809	1992 ES ₁₂	1992 03 03.26667	11 06 42.69	+03 09 13.9	18.6	7 809
1992 EE ₁₂	1992 03 08.17222	10 51 59.02	+12 02 23.3	19.7	7 809	1992 ES ₁₂	1992 03 06.23750	11 04 03.76	+03 25 28.8	18.6	7 809
1992 EE ₁₂	1992 03 09.08958	10 51 14.59	+12 10 32.1	20.8	7 809	1992 ET ₁₂	* 1992 03 01.28750	11 09 35.28	+02 36 42.5	17.5	7 809
1992 EF ₁₂	* 1992 03 06.09722	10 53 50.32	+07 00 02.5	17.5	7 809	1992 ET ₁₂	1992 03 03.26667	11 07 43.87	+02 50 08.3	16.4	7 809
1992 EF ₁₂	1992 03 08.17222	10 51 41.27	+07 00 54.2	17.5	7 809	1992 ET ₁₂	1992 03 06.23750	11 04 55.18	+03 10 46.6	16.4	7 809
1992 EF ₁₂	1992 03 09.08958	10 50 44.81	+07 01 13.7	18.6	7 809	1992 EU ₁₂	* 1992 03 01.28750	11 11 41.13	+02 52 32.7	19.7	7 809
1992 EF ₁₂	1992 04 07.10451	10 28 40.44	+06 34 05.6	18.8	7 809	1992 EU ₁₂	1992 03 03.26667	11 09 57.61	+03 01 47.2	20.8	7 809
1992 EG ₁₂	1992 03 01.28750	10 57 52.40	+06 43 27.7	17.5	7 809	1992 EU ₁₂	1992 03 06.23750	11 07 20.70	+03 15 58.0	20.8	7 809
1992 EG ₁₂	* 1992 03 06.09722	10 53 59.65	+07 11 33.7	19.7	7 809	1992 EV ₁₂	* 1992 03 01.28750	11 12 46.16	+03 02 47.5	18.6	7 809
1992 EG ₁₂	1992 03 08.17222	10 52 19.72	+07 23 30.8	19.7	7 809	1992 EV ₁₂	1992 03 03.26667	11 10 52.67	+03 12 32.7	19.7	7 809
1992 EG ₁₂	1992 03 09.08958	10 51 36.07	+07 28 44.8	19.7	7 809	1992 EV ₁₂	1992 03 06.23750	11 08 00.05	+03 27 37.4	20.8	7 809
1992 EH ₁₂	1992 02 29.23611	10 59 35.52	+07 48 34.8	20.8	7 809	1992 EW ₁₂	* 1992 03 01.28750	11 13 10.55	+03 21 45.9	17.5	7 809
1992 EH ₁₂	* 1992 03 06.09722	10 54 22.05	+08 23 01.9	20.8	7 809	1992 EW ₁₂	1992 03 03.26667	11 11 30.62	+03 33 19.6	17.5	7 809
1992 EH ₁₂	1992 03 08.17222	10 52 32.57	+08 34 48.3	20.8	7 809	1992 EW ₁₂	1992 03 06.23750	11 08 59.21	+03 50 56.9	18.6	7 809
1992 EH ₁₂	1992 03 09.08958	10 51 45.19	+08 39 53.8	20.8	7 809	1992 EX ₁₂	* 1992 03 01.28750	11 13 22.65	+03 38 13.3	17.5	7 809
1992 EJ ₁₂	1992 02 29.23611	11 00 50.03	+11 27 00.3	17.5	7 809	1992 EX ₁₂	1992 03 03.26667	11 11 37.04	+03 49 43.3	18.6	7 809
1992 EJ ₁₂	* 1992 03 06.09722	10 55 10.32	+11 55 27.0	17.5	7 809	1992 EX ₁₂	1992 03 06.23750	11 08 56.62	+04 07 19.2	17.5	7 809
1992 EJ ₁₂	1992 03 08.17222	10 53 11.87	+12 04 39.6	18.6	7 809	1992 EY ₁₂	* 1992 03 01.28750	11 13 25.83	+03 10 44.1	16.4	7 809
1992 EJ ₁₂	1992 03 09.08958	10 52 20.54	+12 08 31.5	18.6	7 809	1992 EY ₁₂	1992 03 03.26667	11 11 46.33	+03 28 42.0	16.4	7 809
1992 EK ₁₂	1992 02 29.23611	11 00 04.05	+07 54 35.6	20.8	7 809	1992 EY ₁₂	1992 03 06.23750	11 09 15.41	+03 56 02.4	16.4	7 809
1992 EK ₁₂	* 1992 03 06.09722	10 55 10.91	+08 51 46.8	7 809	7 809	1992 EZ ₁₂	* 1992 03 01.28750	11 14 38.79	+03 43 31.3	19.7	7 809
1992 EK ₁₂	1992 03 08.17222	10 53 28.05	+09 11 35.4	20.8	7 809	1992 EZ ₁₂	1992 03 03.26667	11 12 58.33	+03 55 08.4		7 809
1992 EK ₁₂	1992 03 09.08958	10 52 43.22	+09 20 13.3	20.8	7 809	1992 EZ ₁₂	1992 03 06.23750	11 10 26.04	+04 12 49.0		7 809
1992 EL ₁₂	1992 02 29.23611	11 00 52.71	+10 55 01.0	16.4	7 809	1992 EA ₁₃	* 1992 03 01.28750	11 14 48.26	+03 34 16.9	16.4	7 809
1992 EL ₁₂	* 1992 03 06.09722	10 55 19.83	+11 42 20.7	17.5	7 809	1992 EA ₁₃	1992 03 03.26667	11 13 14.34	+03 43 48.8	17.5	7 809
1992 EL ₁₂	1992 03 08.17222	10 53 23.63	+11 58 11.6	17.5	7 809	1992 EA ₁₃	1992 03 06.23750	11 10 52.05	+03 58 21.4	17.5	7 809
1992 EL ₁₂	1992 03 09.08958	10 52 33.14	+12 05 00.9	17.5	7 809	1992 EB ₁₃	* 1992 03 02.27326	10 42 31.25	+04 11 11.6	17.5	7 809
1992 EL ₁₂	1992 04 06.15243	10 34 49.72	+14 11 29.4	17.8	7 809	1992 EB ₁₃	1992 03 05.23750	10 39 36.30	+04 25 02.2	17.5	7 809
1992 EM ₁₂	* 1992 03 06.09722	10 55 21.16	+07 22 09.5	17.5	7 809	1992 EB ₁₃	1992 03 09.15972	10 35 48.77	+04 43 25.8	17.5	7 809
1992 EM ₁₂	1992 03 08.17222	10 53 45.89	+07 32 31.5	17.5	7 809	1992 EB ₁₃	1992 04 07.10451	10 15 34.68	+06 31 08.1	18.8	7 809
1992 EM ₁₂	1992 03 09.08958	10 53 04.28	+07 37 03.3	17.5	7 809	1992 EC ₁₃	* 1992 03 02.27326	10 43 32.11	+04 42 45.2	17.5	7 809
1992 EM ₁₂	1992 04 06.15243	10 36 35.95	+09 22 19.1	18.8	7 809	1992 EC ₁₃	1992 03 05.23750	10 40 50.97	+05 02 31.9	18.6	7 809
1992 EN ₁₂	1992 02 29.23611	11 00 40.51	+11 25 10.9	17.5	7 809	1992 EC ₁₃	1992 03 09.15972	10 37 23.17	+05 28 27.2	17.5	7 809
1992 EN ₁₂	* 1992 03 06.09722	10 55 27.75	+12 00 49.1	18.6	7 809	1992 EC ₁₃	1992 04 07.10451	10 19 34.58	+07 59 29.5	18.8	7 809
1992 EN ₁₂	1992 03 08.17222	10 53 38.01	+12 12 44.0	17.5	7 809	1992 ED ₁₃	* 1992 03 02.27326	10 43 49.78	+01 51 31.7	18.6	7 809
1992 EN ₁₂	1992 03 09.08958	10 52 50.18	+12 17 51.0	19.7	7 809	1992 ED ₁₃	1992 03 05.23750	10 41 10.41	+02 13 25.5	18.6	7 809
1992 EN ₁₂	1992 04 06.15243	10 35 02.71	+13 48 52.9	18.8	7 809	1992 ED ₁₃	1992 03 09.15972	10 37 43.36	+02 42 42.5	19.7	7 809
1992 EO ₁₂	1992 02 29.23611	11 00 16.64	+11 22 02.2	19.7	7 809	1992 ED ₁₃	1992 04 07.10451	10 19 25.37	+05 52 42.3	19.8	7 809
1992 EO ₁₂	* 1992 03 06.09722	10 55 29.16	+11 56 43.3	20.8	7 809	1992 EE ₁₃	* 1992 03 02.27326	10 44 51.75	+02 55 47.8	16.4	7 809
1992 EO ₁₂	1992 03 08.17222	10 53 48.06	+12 08 29.7	19.7	7 809	1992 EE ₁₃	1992 03 05.23750	10 42 47.68	+03 17 22.7	17.5	7 809
1992 EO ₁₂	1992 03 09.08958	10 53 03.79	+12 13 35.1	20.8	7 809	1992 EE ₁₃	1992 03 09.15972	10 40 07.51	+03 46 01.4	16.4	7 809
1992 EP ₁₂	* 1992 03 01.28750	11 05 15.43	+02 42 14.6	18.6	7 809	1992 EE ₁₃	1992 04 07.10451	10 26 54.50	+06 46 14.6	17.8	7 809
1992 EP ₁₂	1992 03 03.26667	11 02 52.09	+02 34 32.1	19.7	7 809	1992 EF ₁₃	* 1992 03 02.27326	10 45 14.57	+05 13 03.6	17.5	7 809
1992 EP ₁₂	1992 03 06.23750	10 59 17.72	+02 23 19.7	20.8	7 809	1992 EF ₁₃	1992 03 05.23750	10 42 44.66	+05 32 16.7	18.6	7 809
1992 EQ ₁₂	* 1992 03 01.28750	11 05 58.01	+02 24 42.3	7 809	7 809	1992 EF ₁₃	1992 03 09.15972	10 39 29.63	+05 57 46.0	17.5	7 809
1992 EQ ₁₂	1992 03 03.26667	11 04 17.24	+02 34 26.4	7 809	7 809	1992 EG ₁₃	* 1992 03 02.27326	10 45 23.24	+04 38 57.3	18.6	7 809

1992 EG ₁₃	1992 03 05.23750	10 43 11.66	+04 50 34.9	19.7	7 809	1992 EX ₁₃	1992 03 05.23750	10 48 52.35	+05 02 26.8	20.8	7 809
1992 EG ₁₃	1992 03 09.15972	10 40 20.50	+05 05 54.4	19.7	7 809	1992 EX ₁₃	1992 03 09.15972	10 45 19.46	+05 32 03.4		7 809
1992 EH ₁₃	* 1992 03 02.27326	10 45 32.92	+05 02 48.9	17.5	7 809	1992 EY ₁₃	* 1992 03 02.27326	10 51 42.21	+02 22 11.7	19.7	7 809
1992 EH ₁₃	1992 03 05.23750	10 43 29.38	+05 22 17.3	18.6	7 809	1992 EY ₁₃	1992 03 05.23750	10 48 33.80	+02 24 43.1	20.8	7 809
1992 EH ₁₃	1992 03 09.15972	10 40 48.74	+05 47 59.0	18.6	7 809	1992 EY ₁₃	1992 03 09.15972	10 44 26.27	+02 28 26.9		7 809
1992 EJ ₁₃	* 1992 03 02.27326	10 45 37.01	+04 21 00.7	16.4	7 809	1992 EZ ₁₃	* 1992 03 02.27326	10 51 43.32	+02 42 13.6	20.8	7 809
1992 EJ ₁₃	1992 03 05.23750	10 43 05.58	+04 47 20.2	17.5	7 809	1992 EZ ₁₃	1992 03 05.23750	10 49 56.73	+02 58 44.2	20.8	7 809
1992 EJ ₁₃	1992 03 09.15972	10 39 50.70	+05 22 02.3	15.3	7 809	1992 EZ ₁₃	1992 03 09.15972	10 47 37.31	+03 20 47.8	20.8	7 809
1992 EJ ₁₃	1992 04 07.10451	10 25 08.52	+08 43 20.6	17.8	7 809	1992 EZ ₁₃	1992 04 07.14618	10 34 29.48	+05 46 52.7	21.9	7 809
1992 EK ₁₃	* 1992 03 02.27326	10 46 11.43	+02 25 59.3		7 809	1992 EA ₁₄	* 1992 03 02.27326	10 52 22.56	+03 32 15.6	19.7	7 809
1992 EK ₁₃	1992 03 05.23750	10 43 37.72	+02 48 30.4		7 809	1992 EA ₁₄	1992 03 05.23750	10 49 13.15	+03 46 58.4	18.6	7 809
1992 EK ₁₃	1992 03 09.15972	10 40 19.74	+03 18 42.4		7 809	1992 EA ₁₄	1992 03 09.15972	10 45 07.80	+04 06 34.9	19.7	7 809
1992 EL ₁₃	* 1992 03 02.27326	10 46 24.93	+01 52 46.3	17.5	7 809	1992 EB ₁₄	* 1992 03 02.27326	10 52 26.46	+05 59 38.2	16.4	7 809
1992 EL ₁₃	1992 03 05.23750	10 43 34.95	+01 51 26.8	19.7	7 809	1992 EB ₁₄	1992 03 05.23750	10 49 44.04	+06 16 37.6	17.5	7 809
1992 EL ₁₃	1992 03 09.15972	10 39 53.28	+01 50 05.0	19.7	7 809	1992 EB ₁₄	1992 03 09.15972	10 46 13.07	+06 38 50.8	16.4	7 809
1992 EM ₁₃	* 1992 03 02.27326	10 46 36.01	+05 28 42.7	17.5	7 809	1992 EB ₁₄	1992 04 07.10451	10 29 32.62	+08 30 20.1	17.8	7 809
1992 EM ₁₃	1992 03 05.23750	10 43 40.01	+05 30 48.4	18.6	7 809	1992 EC ₁₄	* 1992 03 02.27326	10 53 45.45	+02 18 43.2	18.6	7 809
1992 EM ₁₃	1992 03 09.15972	10 39 51.35	+05 33 30.5	17.5	7 809	1992 EC ₁₄	1992 03 05.23750	10 51 07.60	+02 33 19.2	18.6	7 809
1992 EM ₁₃	1992 04 07.10451	10 20 02.17	+05 29 36.4	17.8	7 809	1992 EC ₁₄	1992 03 09.15972	10 47 39.59	+02 53 12.6	19.7	7 809
1992 EN ₁₃	* 1992 03 02.27326	10 47 08.40	+05 45 48.0	16.4	7 809	1992 ED ₁₄	* 1992 03 02.27326	10 54 19.48	+04 13 31.4	17.5	7 809
1992 EN ₁₃	1992 03 05.23750	10 43 54.66	+05 46 11.4	17.5	7 809	1992 ED ₁₄	1992 03 05.23750	10 51 51.15	+04 35 09.2	17.5	7 809
1992 EN ₁₃	1992 03 09.15972	10 39 44.03	+05 46 35.8	16.4	7 809	1992 ED ₁₄	1992 03 09.15972	10 48 36.74	+05 03 49.0	17.5	7 809
1992 EO ₁₃	* 1992 03 02.27326	10 47 28.40	+05 25 11.9	16.4	7 809	1992 ED ₁₄	1992 04 07.10451	10 30 01.17	+08 04 33.8	18.8	7 809
1992 EO ₁₃	1992 03 05.23750	10 45 09.76	+05 43 27.1	18.6	7 809	1992 EE ₁₄	* 1992 03 02.27326	10 54 30.52	+03 17 28.2	18.6	7 809
1992 EO ₁₃	1992 03 09.15972	10 42 10.90	+06 07 16.3	16.4	7 809	1992 EE ₁₄	1992 03 05.23750	10 52 05.73	+03 35 44.6	18.6	7 809
1992 EP ₁₃	* 1992 03 02.27326	10 47 35.82	+01 44 13.4	18.6	7 809	1992 EE ₁₄	1992 03 09.15972	10 48 56.08	+04 00 10.8	17.5	7 809
1992 EP ₁₃	1992 03 05.23750	10 45 10.66	+02 01 50.3	18.6	7 809	1992 EF ₁₄	* 1992 03 02.27326	10 55 01.68	+04 23 02.0	19.7	7 809
1992 EP ₁₃	1992 03 09.15972	10 42 00.93	+02 25 39.2	20.8	7 809	1992 EF ₁₄	1992 03 05.23750	10 52 16.21	+04 47 53.7		7 809
1992 EQ ₁₃	* 1992 03 02.27326	10 47 55.01	+01 38 40.3	17.5	7 809	1992 EF ₁₄	1992 03 09.15972	10 48 41.78	+05 20 34.7		7 809
1992 EQ ₁₃	1992 03 05.23750	10 45 22.82	+01 52 29.8	18.6	7 809	1992 EG ₁₄	* 1992 03 02.27326	10 55 37.14	+03 55 37.1	17.5	7 809
1992 EQ ₁₃	1992 03 09.15972	10 42 04.79	+02 11 07.3	19.7	7 809	1992 EG ₁₄	1992 03 05.23750	10 52 37.19	+04 07 30.4	17.5	7 809
1992 ER ₁₃	* 1992 03 02.27326	10 48 07.10	+02 40 38.3	18.6	7 809	1992 EG ₁₄	1992 03 09.15972	10 48 43.19	+04 23 22.8	16.4	7 809
1992 ER ₁₃	1992 03 05.23750	10 45 56.75	+03 00 10.0	18.6	7 809	1992 EG ₁₄	1992 04 07.10451	10 29 06.60	+05 47 01.1	17.8	7 809
1992 ER ₁₃	1992 03 09.15972	10 43 07.23	+03 26 21.6	19.7	7 809	1992 EH ₁₄	* 1992 03 02.27326	10 55 52.56	+04 22 17.4	17.5	7 809
1992 ES ₁₃	* 1992 03 02.27326	10 48 07.98	+04 42 08.6	17.5	7 809	1992 EH ₁₄	1992 03 05.23750	10 53 09.58	+04 37 54.2	18.6	7 809
1992 ES ₁₃	1992 03 05.23750	10 45 19.87	+05 01 44.7	18.6	7 809	1992 EH ₁₄	1992 03 09.15972	10 49 36.48	+04 58 45.9	18.6	7 809
1992 ES ₁₃	1992 03 09.15972	10 41 43.68	+05 27 23.0	17.5	7 809	1992 EJ ₁₄	* 1992 03 02.27326	10 55 56.74	+03 19 34.3	18.6	7 809
1992 ET ₁₃	* 1992 03 02.27326	10 48 08.81	+03 21 06.3	16.4	7 809	1992 EJ ₁₄	1992 03 05.23750	10 53 12.33	+03 33 42.6	19.7	7 809
1992 ET ₁₃	1992 03 05.23750	10 45 22.05	+03 40 41.9	17.5	7 809	1992 EJ ₁₄	1992 03 09.15972	10 49 36.39	+03 52 40.9	20.8	7 809
1992 ET ₁₃	1992 03 09.15972	10 41 47.07	+04 06 51.0	16.4	7 809	1992 EK ₁₄	1992 03 01.28750	10 57 52.21	+06 00 15.7	17.5	7 809
1992 EU ₁₃	* 1992 03 02.27326	10 48 30.12	+03 01 19.2	16.4	7 809	1992 EK ₁₄	* 1992 03 02.27326	10 56 58.69	+06 04 50.9	17.5	7 809
1992 EU ₁₃	1992 03 05.23750	10 45 21.10	+03 14 37.9	17.5	7 809	1992 EK ₁₄	1992 03 05.23750	10 54 19.33	+06 18 37.9	18.6	7 809
1992 EU ₁₃	1992 03 09.15972	10 41 17.17	+03 32 18.2	17.5	7 809	1992 EK ₁₄	1992 03 09.15972	10 50 50.02	+06 36 38.7	19.7	7 809
1992 EU ₁₃	1992 04 07.10451	10 20 06.57	+05 14 24.0	17.8	7 809	1992 EL ₁₄	* 1992 03 01.28750	11 02 02.53	+05 22 59.0	17.5	7 809
1992 EV ₁₃	* 1992 03 02.27326	10 48 51.49	+06 05 07.4	16.4	7 809	1992 EL ₁₄	1992 03 03.26667	11 00 36.56	+05 37 21.3	16.4	7 809
1992 EV ₁₃	1992 03 05.23750	10 46 30.50	+06 19 53.1	17.5	7 809	1992 EL ₁₄	1992 03 06.23750	10 58 27.19	+05 58 58.9	18.6	7 809
1992 EV ₁₃	1992 03 09.15972	10 43 26.98	+06 39 15.1	16.4	7 809	1992 EL ₁₄	1992 03 09.15972	10 56 19.85	+06 20 11.6	17.5	7 809
1992 EV ₁₃	1992 04 07.10451	10 27 01.95	+08 28 03.6	17.8	7 809	1992 EM ₁₄	* 1992 03 01.28750	11 02 09.97	+04 56 06.6	18.6	7 809
1992 EW ₁₃	* 1992 03 02.27326	10 50 04.17	+03 16 57.5	17.5	7 809	1992 EM ₁₄	1992 03 03.26667	11 00 18.40	+05 10 11.9	18.6	7 809
1992 EW ₁₃	1992 03 05.23750	10 47 33.28	+03 30 51.7	18.6	7 809	1992 EM ₁₄	1992 03 06.23750	10 57 29.56	+05 31 34.8	20.8	7 809
1992 EW ₁₃	1992 03 09.15972	10 44 16.87	+03 49 26.1	18.6	7 809	1992 EN ₁₄	* 1992 03 01.28750	11 02 36.49	+06 09 25.8	18.6	7 809
1992 EX ₁₃	* 1992 03 02.27326	10 51 35.38	+04 40 00.4	19.7	7 809	1992 EN ₁₄	1992 03 03.26667	11 01 09.15	+06 19 51.3	20.8	7 809

1992 EN ₁₄	1992 03 06.23750	10 58 58.38	+06 35 25.9	20.8	7 809	1992 EC ₁₅	1992 03 06.23750	11 04 00.10	+06 22 55.2	16.4	7 809
1992 EO ₁₄	* 1992 03 01.28750	11 02 48.37	+04 15 28.4	19.7	7 809	1992 ED ₁₅	* 1992 03 01.28750	11 07 46.09	+03 10 23.0	20.8	7 809
1992 EO ₁₄	1992 03 03.26667	11 01 24.56	+04 28 45.1		7 809	1992 ED ₁₅	1992 03 03.26667	11 06 19.32	+03 27 59.8		7 809
1992 EO ₁₄	1992 03 06.23750	10 59 18.50	+04 48 49.5	20.8	7 809	1992 ED ₁₅	1992 03 06.23750	11 04 07.98	+03 54 48.7		7 809
1992 EP ₁₄	* 1992 03 01.28750	11 03 07.16	+01 37 43.8	16.4	7 809	1992 EE ₁₅	* 1992 03 01.28750	11 07 46.32	+02 05 06.6	18.6	7 809
1992 EP ₁₄	1992 03 03.26667	11 01 32.09	+01 54 55.5	15.3	7 809	1992 EE ₁₅	1992 03 03.26667	11 06 22.19	+02 19 59.2	20.8	7 809
1992 EP ₁₄	1992 03 06.23750	10 59 08.64	+02 21 09.3	15.3	7 809	1992 EE ₁₅	1992 03 06.23750	11 04 14.89	+02 42 40.0	20.8	7 809
1992 EP ₁₄	1992 03 09.15972	10 56 47.54	+02 47 13.2	15.3	7 809	1992 EF ₁₅	* 1992 03 01.28750	11 07 58.31	+06 01 41.3	18.6	7 809
1992 EP ₁₄	1992 04 07.14618	10 37 56.19	+06 44 33.5	17.8	7 809	1992 EF ₁₅	1992 03 03.26667	11 06 12.68	+06 18 18.7	19.7	7 809
1992 EQ ₁₄	* 1992 03 01.28750	11 04 01.29	+02 05 39.9	16.4	7 809	1992 EF ₁₅	1992 03 06.23750	11 03 32.93	+06 43 17.1	20.8	7 809
1992 EQ ₁₄	1992 03 03.26667	11 02 24.73	+02 16 41.6	15.3	7 809	1992 EG ₁₅	* 1992 03 01.28750	11 08 10.19	+05 03 58.7	17.5	7 809
1992 EQ ₁₄	1992 03 06.23750	10 59 59.37	+02 33 35.9	15.3	7 809	1992 EG ₁₅	1992 03 03.26667	11 06 28.77	+05 16 54.4	18.6	7 809
1992 EQ ₁₄	1992 04 07.14618	10 39 38.36	+05 15 54.4	16.7	7 809	1992 EG ₁₅	1992 03 06.23750	11 03 55.43	+05 36 27.1	18.6	7 809
1992 ER ₁₄	* 1992 03 01.28750	11 04 14.08	+05 21 07.9	19.7	7 809	1992 EH ₁₅	* 1992 03 01.28750	11 08 34.58	+03 54 50.6	16.4	7 809
1992 ER ₁₄	1992 03 03.26667	11 02 17.90	+05 35 38.5	20.8	7 809	1992 EH ₁₅	1992 03 03.26667	11 07 11.05	+04 08 04.3	16.4	7 809
1992 ER ₁₄	1992 03 06.23750	10 59 22.73	+05 57 30.3	19.7	7 809	1992 EH ₁₅	1992 03 06.23750	11 05 05.17	+04 28 03.6	16.4	7 809
1992 ER ₁₄	1992 03 09.15972	10 56 30.16	+06 18 56.3	20.8	7 809	1992 EJ ₁₅	* 1992 03 01.28750	11 08 38.32	+03 52 35.9	17.5	7 809
1992 ES ₁₄	* 1992 03 01.28750	11 04 56.41	+04 55 41.2	17.5	7 809	1992 EJ ₁₅	1992 03 03.26667	11 07 10.07	+04 09 37.6	17.5	7 809
1992 ES ₁₄	1992 03 03.26667	11 03 19.02	+05 05 19.4	17.5	7 809	1992 EJ ₁₅	1992 03 06.23750	11 04 57.14	+04 35 19.6	17.5	7 809
1992 ES ₁₄	1992 03 06.23750	11 00 52.39	+05 19 53.4	17.5	7 809	1992 EK ₁₅	* 1992 03 01.28750	11 08 46.80	+04 02 40.1	19.7	7 809
1992 ET ₁₄	* 1992 03 01.28750	11 05 07.21	+01 53 16.1	17.5	7 809	1992 EK ₁₅	1992 03 03.26667	11 07 04.42	+04 15 55.8		7 809
1992 ET ₁₄	1992 03 03.26667	11 03 29.13	+02 04 20.4	17.5	7 809	1992 EK ₁₅	1992 03 06.23750	11 04 30.15	+04 35 59.6	19.7	7 809
1992 ET ₁₄	1992 03 06.23750	11 01 01.72	+02 21 16.5	16.4	7 809	1992 EL ₁₅	* 1992 03 01.28750	11 08 48.79	+03 19 07.9	17.5	7 809
1992 ET ₁₄	1992 04 07.14618	10 40 13.79	+05 04 06.3	18.8	7 809	1992 EL ₁₅	1992 03 03.26667	11 06 56.72	+03 30 32.0	17.5	7 809
1992 EU ₁₄	* 1992 03 01.28750	11 05 17.18	+01 47 30.9	17.5	7 809	1992 EL ₁₅	1992 03 06.23750	11 04 06.45	+03 48 01.7	17.5	7 809
1992 EU ₁₄	1992 03 03.26667	11 03 46.82	+01 55 10.0	16.4	7 809	1992 EM ₁₅	* 1992 03 01.28750	11 09 17.59	+03 58 15.6	18.6	7 809
1992 EU ₁₄	1992 03 06.23750	11 01 30.37	+02 06 59.2	18.6	7 809	1992 EM ₁₅	1992 03 03.26667	11 07 37.19	+04 09 50.8	20.8	7 809
1992 EV ₁₄	* 1992 03 01.28750	11 05 33.11	+04 38 12.1	17.5	7 809	1992 EM ₁₅	1992 03 06.23750	11 05 05.30	+04 27 28.9	19.7	7 809
1992 EV ₁₄	1992 03 03.26667	11 04 14.12	+05 05 27.9	17.5	7 809	1992 EM ₁₅	1992 04 07.14618	10 45 35.78	+06 53 54.5	19.8	7 809
1992 EV ₁₄	1992 03 06.23750	11 02 14.30	+05 46 45.1	19.7	7 809	1992 EN ₁₅	* 1992 03 01.28750	11 09 33.35	+04 30 05.0	17.5	7 809
1992 EW ₁₄	* 1992 03 01.28750	11 06 20.52	+03 30 46.8	18.6	7 809	1992 EN ₁₅	1992 03 03.26667	11 07 42.34	+04 39 04.2	17.5	7 809
1992 EW ₁₄	1992 03 03.26667	11 04 45.58	+03 44 22.5	18.6	7 809	1992 EN ₁₅	1992 03 06.23750	11 04 54.02	+04 52 47.0	17.5	7 809
1992 EW ₁₄	1992 03 06.23750	11 02 22.69	+04 04 58.6	20.8	7 809	1992 EO ₁₅	* 1992 03 01.28750	11 09 43.03	+02 02 48.0	18.6	7 809
1992 EW ₁₄	1992 04 07.14618	10 41 32.13	+07 18 04.0	17.8	7 809	1992 EO ₁₅	1992 03 03.26667	11 08 01.13	+02 18 23.3	19.7	7 809
1992 EX ₁₄	* 1992 03 01.28750	11 06 26.88	+05 27 55.3	16.4	7 809	1992 EO ₁₅	1992 03 06.23750	11 05 26.69	+02 42 19.3	19.7	7 809
1992 EX ₁₄	1992 03 03.26667	11 05 03.08	+05 36 49.0	18.6	7 809	1992 EP ₁₅	* 1992 03 01.28750	11 09 50.12	+02 03 11.4	16.4	7 809
1992 EX ₁₄	1992 03 06.23750	11 02 56.97	+05 50 12.0	18.6	7 809	1992 EP ₁₅	1992 03 03.26667	11 08 25.18	+02 24 18.6	15.3	7 809
1992 EY ₁₄	* 1992 03 01.28750	11 06 52.81	+04 18 39.5	18.6	7 809	1992 EP ₁₅	1992 03 06.23750	11 06 16.15	+02 56 32.6	15.3	7 809
1992 EY ₁₄	1992 03 03.26667	11 05 30.10	+04 30 22.0	20.8	7 809	1992 EQ ₁₅	* 1992 03 01.28750	11 10 12.75	+04 06 56.0	16.4	7 809
1992 EY ₁₄	1992 03 06.23750	11 03 25.53	+04 48 05.5	20.8	7 809	1992 EQ ₁₅	1992 03 03.26667	11 08 42.88	+04 18 01.5	16.4	7 809
1992 EZ ₁₄	* 1992 03 01.28750	11 07 21.13	+05 29 33.4	18.6	7 809	1992 EQ ₁₅	1992 03 06.23750	11 06 27.23	+04 34 49.7	16.4	7 809
1992 EZ ₁₄	1992 03 03.26667	11 05 47.30	+05 50 14.2	17.5	7 809	1992 ER ₁₅	* 1992 03 01.28750	11 10 14.00	+05 00 50.1	19.7	7 809
1992 EZ ₁₄	1992 03 06.23750	11 03 26.31	+06 21 11.0	17.5	7 809	1992 ER ₁₅	1992 03 03.26667	11 08 30.25	+05 19 03.1		7 809
1992 EA ₁₅	* 1992 03 01.28750	11 07 33.10	+02 07 23.1	17.5	7 809	1992 ER ₁₅	1992 03 06.23750	11 05 52.67	+05 46 39.3		7 809
1992 EA ₁₅	1992 03 03.26667	11 05 51.95	+02 31 50.1	16.4	7 809	1992 ES ₁₅	* 1992 03 01.28750	11 10 30.94	+03 43 11.9	19.7	7 809
1992 EA ₁₅	1992 03 06.23750	11 03 19.99	+03 08 44.3	16.4	7 809	1992 ES ₁₅	1992 03 03.26667	11 08 39.57	+03 55 37.7	20.8	7 809
1992 EA ₁₅	1992 04 07.14618	10 43 13.04	+08 47 22.2	18.8	7 809	1992 ES ₁₅	1992 03 06.23750	11 05 51.89	+04 14 27.2	20.8	7 809
1992 EB ₁₅	* 1992 03 01.28750	11 07 33.44	+03 43 29.1	17.5	7 809	1992 ET ₁₅	* 1992 03 01.28750	11 10 31.43	+01 40 05.6	18.6	7 809
1992 EB ₁₅	1992 03 03.26667	11 05 56.40	+03 57 14.3	19.7	7 809	1992 ET ₁₅	1992 03 03.26667	11 08 32.95	+01 51 14.8	18.6	7 809
1992 EB ₁₅	1992 03 06.23750	11 03 30.17	+04 18 04.1	17.5	7 809	1992 ET ₁₅	1992 03 06.23750	11 05 31.79	+02 08 39.5	18.6	7 809
1992 EC ₁₅	* 1992 03 01.28750	11 07 34.51	+04 23 42.6	16.4	7 809	1992 EU ₁₅	* 1992 03 01.28750	11 11 10.93	+04 16 06.5	20.8	7 809
1992 EC ₁₅	1992 03 03.26667	11 06 08.71	+05 11 37.8	16.4	7 809	1992 EU ₁₅	1992 03 03.26667	11 09 39.27	+04 38 07.7		7 809

1992 EU ₁₅	1992 03 06.23750	11 07 19.92	+05 11 30.6		7 809	1992 EM ₁₆	1992 03 06.23750	11 08 33.21	+06 40 08.6	15.3	7 809
1992 EV ₁₅	* 1992 03 01.28750	11 11 14.05	+05 12 20.6	17.5	7 809	1992 EN ₁₆	* 1992 03 01.28750	11 13 52.01	+06 11 20.8	17.5	7 809
1992 EV ₁₅	1992 03 03.26667	11 09 26.72	+05 26 48.8	16.4	7 809	1992 EN ₁₆	1992 03 03.26667	11 12 17.31	+06 20 24.3	19.7	7 809
1992 EV ₁₅	1992 03 06.23750	11 06 44.95	+05 48 34.6	16.4	7 809	1992 EN ₁₆	1992 03 06.23750	11 09 54.12	+06 34 02.5	18.6	7 809
1992 EW ₁₅	* 1992 03 01.28750	11 11 25.63	+03 22 41.4	16.4	7 809	1992 EO ₁₆	* 1992 03 01.28750	11 14 42.93	+05 16 15.2	20.8	7 809
1992 EW ₁₅	1992 03 03.26667	11 09 56.99	+03 32 54.7	17.5	7 809	1992 EO ₁₆	1992 03 03.26667	11 12 59.00	+05 25 31.3		7 809
1992 EW ₁₅	1992 03 06.23750	11 07 43.10	+03 48 28.7	17.5	7 809	1992 EO ₁₆	1992 03 06.23750	11 10 20.79	+05 39 35.1		7 809
1992 EX ₁₅	* 1992 03 01.28750	11 11 25.89	+03 26 30.9	19.7	7 809	1992 EP ₁₆	* 1992 03 01.28750	11 14 55.59	+04 38 21.6	18.6	7 809
1992 EX ₁₅	1992 03 03.26667	11 09 30.21	+03 40 07.8	20.8	7 809	1992 EP ₁₆	1992 03 03.26667	11 13 23.59	+04 49 40.9	20.8	7 809
1992 EX ₁₅	1992 03 06.23750	11 06 34.34	+04 00 56.9		7 809	1992 EP ₁₆	1992 03 06.23750	11 11 04.47	+05 06 48.7	20.8	7 809
1992 EY ₁₅	* 1992 03 01.28750	11 11 26.75	+01 36 02.1	16.4	7 809	1992 EQ ₁₆	* 1992 03 01.28750	11 14 56.46	+06 04 09.4	16.4	7 809
1992 EY ₁₅	1992 03 03.26667	11 09 16.45	+01 42 20.8	16.4	7 809	1992 EQ ₁₆	1992 03 03.26667	11 13 28.16	+06 14 42.3	16.4	7 809
1992 EY ₁₅	1992 03 06.23750	11 05 57.70	+01 52 23.6	16.4	7 809	1992 EQ ₁₆	1992 03 06.23750	11 11 13.85	+06 30 39.0	15.3	7 809
1992 EZ ₁₅	* 1992 03 01.28750	11 12 01.80	+03 38 04.6	18.6	7 809	1992 ER ₁₆	* 1992 03 01.28750	11 14 58.13	+05 50 17.4	17.5	7 809
1992 EZ ₁₅	1992 03 03.26667	11 10 39.38	+03 48 48.5	18.6	7 809	1992 ER ₁₆	1992 03 03.26667	11 13 06.77	+06 03 09.2	18.6	7 809
1992 EZ ₁₅	1992 03 06.23750	11 08 35.04	+04 05 03.9	20.8	7 809	1992 ER ₁₆	1992 03 06.23750	11 10 18.78	+06 22 24.6	17.5	7 809
1992 EA ₁₆	* 1992 03 01.28750	11 12 08.47	+05 55 42.3	19.7	7 809	1992 ES ₁₆	* 1992 03 01.28750	11 14 59.01	+05 04 55.5	18.6	7 809
1992 EA ₁₆	1992 03 03.26667	11 10 25.19	+06 10 22.7		7 809	1992 ES ₁₆	1992 03 03.26667	11 13 02.26	+05 20 28.0	18.6	7 809
1992 EA ₁₆	1992 03 06.23750	11 07 48.31	+06 32 31.8		7 809	1992 ES ₁₆	1992 03 06.23750	11 10 06.27	+05 43 49.0	20.8	7 809
1992 EB ₁₆	* 1992 03 01.28750	11 12 09.69	+03 44 20.8	16.4	7 809	1992 ET ₁₆	* 1992 03 01.28750	11 15 18.81	+02 44 02.2	17.5	7 809
1992 EB ₁₆	1992 03 03.26667	11 10 37.33	+03 54 29.5	15.3	7 809	1992 ET ₁₆	1992 03 03.26667	11 12 58.28	+02 38 03.5	18.6	7 809
1992 EB ₁₆	1992 03 06.23750	11 08 17.55	+04 09 56.0	16.4	7 809	1992 ET ₁₆	1992 03 06.23750	11 09 25.36	+02 29 31.1	17.5	7 809
1992 EC ₁₆	* 1992 03 01.28750	11 12 14.95	+04 31 20.2	18.6	7 809	1992 EU ₁₆	* 1992 03 01.28750	11 15 27.52	+05 35 48.3	17.5	7 809
1992 EC ₁₆	1992 03 03.26667	11 10 29.00	+04 44 38.6	20.8	7 809	1992 EU ₁₆	1992 03 03.26667	11 13 56.18	+05 45 09.6	18.6	7 809
1992 EC ₁₆	1992 03 06.23750	11 07 48.02	+05 04 52.1	20.8	7 809	1992 EU ₁₆	1992 03 06.23750	11 11 38.17	+05 59 15.9	18.6	7 809
1992 ED ₁₆	* 1992 03 01.28750	11 12 25.62	+03 31 13.4	17.5	7 809	1992 EV ₁₆	* 1992 03 01.28750	11 15 37.61	+03 52 40.0	16.4	7 809
1992 ED ₁₆	1992 03 03.26667	11 10 53.09	+03 43 01.6	18.6	7 809	1992 EV ₁₆	1992 03 03.26667	11 14 04.93	+04 00 19.7	16.4	7 809
1992 ED ₁₆	1992 03 06.23750	11 08 32.45	+04 01 03.8	18.6	7 809	1992 EV ₁₆	1992 03 06.23750	11 11 44.38	+04 12 02.1	16.4	7 809
1992 EE ₁₆	* 1992 03 01.28750	11 12 31.98	+02 23 06.9	17.5	7 809	1992 EW ₁₆	* 1992 03 01.28750	11 15 38.48	+02 34 01.1	17.5	7 809
1992 EE ₁₆	1992 03 03.26667	11 10 49.69	+02 41 46.1	16.4	7 809	1992 EW ₁₆	1992 03 03.26667	11 13 51.51	+02 42 17.5	16.4	7 809
1992 EE ₁₆	1992 03 06.23750	11 08 13.94	+03 10 21.2	17.5	7 809	1992 EW ₁₆	1992 03 06.23750	11 11 09.00	+02 55 03.0	16.4	7 809
1992 EF ₁₆	* 1992 03 01.28750	11 12 39.11	+05 36 55.7	19.7	7 809	1992 EW ₁₆	1992 04 07.14618	10 46 02.64	+04 58 36.3	18.8	7 809
1992 EF ₁₆	1992 03 03.26667	11 10 54.33	+05 55 39.9	20.8	7 809	1992 EX ₁₆	* 1992 03 01.28750	11 15 38.58	+02 58 27.0	19.7	7 809
1992 EF ₁₆	1992 03 06.23750	11 08 15.58	+06 23 50.6		7 809	1992 EX ₁₆	1992 03 03.26667	11 13 52.63	+03 15 09.0		7 809
1992 EG ₁₆	* 1992 03 01.28750	11 12 39.88	+04 23 08.6	16.4	7 809	1992 EX ₁₆	1992 03 06.23750	11 11 11.16	+03 40 41.9		7 809
1992 EG ₁₆	1992 03 03.26667	11 11 08.51	+04 34 13.7	16.4	7 809	1992 EY ₁₆	* 1992 03 01.28750	11 16 07.31	+05 25 48.8	18.6	7 809
1992 EG ₁₆	1992 03 06.23750	11 08 50.47	+04 51 01.1	16.4	7 809	1992 EY ₁₆	1992 03 03.26667	11 14 35.47	+05 33 50.7	20.8	7 809
1992 EG ₁₆	1992 04 07.14618	10 49 38.38	+07 15 23.1	18.8	7 809	1992 EY ₁₆	1992 03 06.23750	11 12 16.36	+05 45 59.9	20.8	7 809
1992 EH ₁₆	* 1992 03 01.28750	11 13 01.22	+03 54 08.9	17.5	7 809	1992 EZ ₁₆	* 1992 03 01.28750	11 17 02.12	+03 43 45.1	17.5	7 809
1992 EH ₁₆	1992 03 03.26667	11 11 28.77	+04 04 21.1	16.4	7 809	1992 EZ ₁₆	1992 03 03.26667	11 15 35.23	+04 00 36.0	19.7	7 809
1992 EH ₁₆	1992 03 06.23750	11 09 08.95	+04 19 52.3	18.6	7 809	1992 EZ ₁₆	1992 03 06.23750	11 13 22.62	+04 26 13.8	18.6	7 809
1992 EJ ₁₆	* 1992 03 01.28750	11 13 17.54	+05 04 58.3	20.8	7 809	1992 EA ₁₇	* 1992 03 01.28750	11 17 30.03	+05 27 19.6	16.4	7 809
1992 EJ ₁₆	1992 03 03.26667	11 11 26.14	+05 19 14.7		7 809	1992 EA ₁₇	1992 03 03.26667	11 16 00.14	+05 36 28.8	15.3	7 809
1992 EJ ₁₆	1992 03 06.23750	11 08 38.67	+05 40 40.3		7 809	1992 EA ₁₇	1992 03 06.23750	11 13 43.34	+05 50 23.0	15.3	7 809
1992 EK ₁₆	* 1992 03 01.28750	11 13 27.71	+04 43 50.9	17.5	7 809	1992 EB ₁₇	* 1992 03 01.28750	11 17 55.86	+03 57 46.0	20.8	7 809
1992 EK ₁₆	1992 03 03.26667	11 11 45.66	+05 02 50.0	19.7	7 809	1992 EB ₁₇	1992 03 03.26667	11 16 06.05	+04 12 12.9		7 809
1992 EK ₁₆	1992 03 06.23750	11 09 10.18	+05 31 37.6	17.5	7 809	1992 EB ₁₇	1992 03 06.23750	11 13 19.59	+04 34 06.3		7 809
1992 EL ₁₆	* 1992 03 01.28750	11 13 45.09	+02 37 33.3	20.8	7 809	1992 EC ₁₇	* 1992 03 01.28750	11 18 05.45	+05 45 11.8	20.8	7 809
1992 EL ₁₆	1992 03 03.26667	11 11 50.42	+02 53 02.4	19.7	7 809	1992 EC ₁₇	1992 03 03.26667	11 16 11.77	+06 01 15.1		7 809
1992 EL ₁₆	1992 03 06.23750	11 08 57.43	+03 16 34.6	20.8	7 809	1992 EC ₁₇	1992 03 06.23750	11 13 17.25	+06 25 39.4		7 809
1992 EM ₁₆	* 1992 03 01.28750	11 13 47.17	+06 27 35.3	16.4	7 809	1992 ED ₁₇	* 1992 03 01.28750	11 18 15.17	+05 36 01.9	17.5	7 809
1992 EM ₁₆	1992 03 03.26667	11 11 42.46	+06 32 36.7	15.3	7 809	1992 ED ₁₇	1992 03 03.26667	11 16 16.51	+05 48 34.2	17.5	7 809

1992 ED ₁₇	1992 03 06.23750	11 13 15.65	+06 07 33.8	17.5	7 809	1992 ET ₁₇	* 1992 03 01.28750	11 06 38.24	+06 43 19.7	16.4	7 809
1992 EE ₁₇	* 1992 03 01.28750	11 18 20.81	+06 08 18.5	16.4	7 809	1992 ET ₁₇	1992 03 03.20000	11 05 07.53	+06 54 25.6	16.4	7 809
1992 EE ₁₇	1992 03 03.26667	11 16 40.65	+06 22 40.5	17.5	7 809	1992 ET ₁₇	1992 03 07.23125	11 01 55.08	+07 17 44.2	17.5	7 809
1992 EE ₁₇	1992 03 06.23750	11 14 07.29	+06 44 23.5	16.4	7 809	1992 EU ₁₇	* 1992 03 01.28750	11 11 15.04	+06 41 50.2	19.7	7 809
1992 EE ₁₇	1992 04 06.15243	10 52 16.07	+09 41 05.6	18.8	7 809	1992 EU ₁₇	1992 03 03.20000	11 09 54.30	+07 03 14.8		7 809
1992 EF ₁₇	* 1992 03 01.28750	11 18 25.65	+05 49 39.4	16.4	7 809	1992 EU ₁₇	1992 03 07.23125	11 07 02.38	+07 48 05.7		7 809
1992 EF ₁₇	1992 03 03.26667	11 16 56.29	+06 00 18.3	16.4	7 809	1992 EV ₁₇	* 1992 03 05.16458	10 43 48.60	+12 14 37.3	19.7	7 809
1992 EF ₁₇	1992 03 06.23750	11 14 40.27	+06 16 23.2	15.3	7 809	1992 EV ₁₇	1992 03 06.09722	10 43 03.02	+12 20 37.4	18.6	7 809
1992 EG ₁₇	* 1992 03 02.21389	10 35 47.91	+13 59 25.0	18.6	7 809	1992 EV ₁₇	1992 03 07.16111	10 42 10.85	+12 27 28.5	18.6	7 809
1992 EG ₁₇	1992 03 04.16597	10 33 56.63	+14 10 38.7	18.6	7 809	1992 EV ₁₇	1992 04 04.11840	10 24 15.61	+14 38 04.9	17.8	7 809
1992 EG ₁₇	1992 03 06.16389	10 32 03.76	+14 21 42.6	19.7	7 809	1992 EW ₁₇	* 1992 03 03.13333	10 17 50.21	+01 46 31.3	18.6	7 809
1992 EH ₁₇	* 1992 03 02.21389	10 35 59.89	+16 43 55.3	17.5	7 809	1992 EW ₁₇	1992 03 05.09236	10 16 17.48	+02 07 04.5	18.6	7 809
1992 EH ₁₇	1992 03 04.16597	10 34 15.98	+17 03 46.2	17.5	7 809	1992 EW ₁₇	1992 03 08.09931	10 13 59.11	+02 38 50.7	18.6	7 809
1992 EH ₁₇	1992 03 06.16389	10 32 31.13	+17 23 29.7	17.5	7 809	1992 EW ₁₇	1992 04 07.06354	10 00 10.56	+07 21 07.1	18.8	7 809
1992 EJ ₁₇	* 1992 03 02.21389	10 36 46.40	+14 51 24.2	19.7	7 809	1992 EX ₁₇	* 1992 03 03.13333	10 18 09.40	+01 26 41.3	17.5	7 809
1992 EJ ₁₇	1992 03 04.16597	10 35 04.24	+15 08 17.7	20.8	7 809	1992 EX ₁₇	1992 03 05.09236	10 16 29.81	+01 45 04.8	16.4	7 809
1992 EJ ₁₇	1992 03 06.16389	10 33 21.47	+15 24 55.9	20.8	7 809	1992 EX ₁₇	1992 03 08.09931	10 14 03.43	+02 13 15.4	16.4	7 809
1992 EK ₁₇	* 1992 03 02.21389	10 36 48.71	+16 57 20.0	18.6	7 809	1992 EX ₁₇	1992 04 07.06354	10 01 31.84	+06 04 16.5	16.7	7 809
1992 EK ₁₇	1992 03 04.16597	10 34 46.40	+17 11 16.8	18.6	7 809	1992 EY ₁₇	* 1992 03 03.13333	10 21 48.49	+01 36 46.4	18.6	7 809
1992 EK ₁₇	1992 03 06.16389	10 32 42.46	+17 24 57.1	18.6	7 809	1992 EY ₁₇	1992 03 05.09236	10 19 52.71	+01 49 22.3	18.6	7 809
1992 EL ₁₇	* 1992 03 02.21389	10 36 52.46	+15 08 38.4	19.7	7 809	1992 EY ₁₇	1992 03 08.09931	10 16 59.92	+02 08 51.3	20.8	7 809
1992 EL ₁₇	1992 03 04.16597	10 34 58.59	+15 21 31.3	19.7	7 809	1992 EZ ₁₇	1992 02 29.16111	10 25 38.54	+02 48 26.7	17.5	7 809
1992 EL ₁₇	1992 03 06.16389	10 33 03.87	+15 34 08.9		7 809	1992 EZ ₁₇	* 1992 03 03.13333	10 22 59.89	+03 17 19.1	19.7	7 809
1992 EM ₁₇	* 1992 03 02.21389	10 36 56.83	+13 47 44.6	16.4	7 809	1992 EZ ₁₇	1992 03 05.09236	10 21 17.86	+03 36 27.8	20.8	7 809
1992 EM ₁₇	1992 03 04.16597	10 35 08.99	+14 03 33.4	16.4	7 809	1992 EZ ₁₇	1992 03 08.09931	10 18 46.57	+04 05 54.7	20.8	7 809
1992 EM ₁₇	1992 03 06.16389	10 33 19.87	+14 19 14.3	17.5	7 809	1992 EA ₁₈	* 1992 03 03.13333	10 23 30.38	+04 22 24.0		7 809
1992 EM ₁₇	1992 04 04.11840	10 15 47.51	+16 36 30.5	16.7	7 809	1992 EA ₁₈	1992 03 05.09236	10 22 00.15	+04 36 28.8	19.7	7 809
1992 EN ₁₇	* 1992 03 02.21389	10 37 03.18	+14 39 30.6	17.5	7 809	1992 EA ₁₈	1992 03 08.09931	10 19 45.66	+04 57 54.5		7 809
1992 EN ₁₇	1992 03 04.16597	10 35 10.55	+14 48 53.6	18.6	7 809	1992 EB ₁₈	* 1992 03 03.13333	10 24 27.77	+05 39 53.9	18.6	7 809
1992 EN ₁₇	1992 03 06.16389	10 33 17.89	+14 57 51.1	18.6	7 809	1992 EB ₁₈	1992 03 05.09236	10 22 46.13	+05 42 30.9	18.6	7 809
1992 EO ₁₇	* 1992 03 01.28750	10 58 56.87	+05 15 13.1	17.5	7 809	1992 EB ₁₈	1992 03 08.09931	10 20 13.89	+05 46 29.2	18.6	7 809
1992 EO ₁₇	1992 03 03.26667	10 57 22.56	+05 26 23.8	16.4	7 809	1992 EC ₁₈	* 1992 03 03.13333	10 26 04.72	+04 37 36.3	19.7	7 809
1992 EO ₁₇	1992 03 05.23750	10 55 48.34	+05 37 34.5	18.6	7 809	1992 EC ₁₈	1992 03 05.09236	10 24 14.86	+04 50 36.0	19.7	7 809
1992 EO ₁₇	1992 03 09.15972	10 52 42.60	+05 59 42.3	18.6	7 809	1992 EC ₁₈	1992 03 08.09931	10 21 30.95	+05 10 25.2	20.8	7 809
1992 EO ₁₇	1992 04 07.14618	10 35 18.13	+08 10 20.8	18.8	7 809	1992 EC ₁₈	1992 04 07.06354	10 04 44.49	+07 43 37.2	20.9	7 809
1992 EP ₁₇	* 1992 03 01.28750	10 59 27.98	+06 11 00.9	17.5	7 809	1992 ED ₁₈	* 1992 03 03.13333	10 30 11.04	+01 28 49.0	17.5	7 809
1992 EP ₁₇	1992 03 03.26667	10 57 35.51	+06 21 23.1	17.5	7 809	1992 ED ₁₈	1992 03 05.09236	10 28 41.75	+01 47 23.3	17.5	7 809
1992 EP ₁₇	1992 03 05.23750	10 55 43.35	+06 31 41.7	18.6	7 809	1992 ED ₁₈	1992 03 08.09931	10 26 27.64	+02 16 07.0	17.5	7 809
1992 EQ ₁₇	* 1992 03 01.28750	10 59 50.74	+05 00 44.8	18.6	7 809	1992 EE ₁₈	* 1992 03 03.13333	10 31 40.50	+02 28 18.6	19.7	7 809
1992 EQ ₁₇	1992 03 03.26667	10 57 54.84	+05 14 26.6	18.6	7 809	1992 EE ₁₈	1992 03 05.09236	10 30 20.24	+02 39 53.7	19.7	7 809
1992 EQ ₁₇	1992 03 05.23750	10 55 59.01	+05 28 08.6	19.7	7 809	1992 EE ₁₈	1992 03 08.09931	10 28 19.05	+02 57 45.3	20.8	7 809
1992 EQ ₁₇	1992 03 09.15972	10 52 09.58	+05 55 22.3		7 809	1992 EF ₁₈	* 1992 03 03.13333	10 32 40.62	+05 09 54.7	17.5	7 809
1992 ER ₁₇	* 1992 03 01.28750	11 00 36.27	+05 20 39.6	16.4	7 809	1992 EF ₁₈	1992 03 05.09236	10 31 07.00	+05 26 42.0	18.6	7 809
1992 ER ₁₇	1992 03 03.26667	10 58 36.65	+05 31 16.6	16.4	7 809	1992 EF ₁₈	1992 03 08.09931	10 28 47.03	+05 52 17.7	18.6	7 809
1992 ER ₁₇	1992 03 05.23750	10 56 37.91	+05 41 48.8	17.5	7 809	1992 EG ₁₈	* 1992 03 03.13333	10 32 56.77	+04 44 16.8	19.7	7 809
1992 ER ₁₇	1992 03 09.15972	10 52 45.86	+06 02 27.6	16.4	7 809	1992 EG ₁₈	1992 03 05.09236	10 31 14.21	+04 53 16.5	20.8	7 809
1992 ER ₁₇	1992 04 07.14618	10 32 45.66	+07 48 29.1	17.8	7 809	1992 EG ₁₈	1992 03 08.09931	10 28 40.60	+05 07 04.3	20.8	7 809
1992 ES ₁₇	* 1992 03 01.28750	11 00 51.22	+02 54 56.5	16.4	7 809	1992 EH ₁₈	* 1992 03 03.13333	10 33 02.43	+01 39 41.9	17.5	7 809
1992 ES ₁₇	1992 03 03.26667	10 58 45.61	+03 06 46.0	15.3	7 809	1992 EH ₁₈	1992 03 05.09236	10 31 34.24	+01 54 31.7	18.6	7 809
1992 ES ₁₇	1992 03 05.23750	10 56 39.72	+03 18 46.2	17.5	7 809	1992 EH ₁₈	1992 03 08.09931	10 29 22.03	+02 17 24.7	17.5	7 809
1992 ES ₁₇	1992 03 09.15972	10 52 29.30	+03 43 03.5	16.4	7 809	1992 EH ₁₈	1992 04 07.10451	10 15 09.19	+05 36 49.6	17.8	7 809
1992 ES ₁₇	1992 04 07.10451	10 28 27.94	+06 16 23.1	17.8	7 809	1992 EJ ₁₈	* 1992 03 03.13333	10 33 06.24	+04 45 34.4	19.7	7 809

1992 EJ ₁₈	1992 03 05.09236	10 31 06.55	+04 59 30.7	20.8	7 809	1992 EG ₁₉	1992 03 06.16389	10 19 59.71	+13 52 04.1	20.8	7 809
1992 EJ ₁₈	1992 03 08.09931	10 28 05.14	+05 21 01.7		7 809	1992 EH ₁₉	* 1992 03 01.14722	10 25 22.27	+13 27 16.6	17.5	7 809
1992 EK ₁₈	* 1992 03 03.13333	10 34 31.07	+03 33 39.6	19.7	7 809	1992 EH ₁₉	1992 03 04.16597	10 23 07.75	+13 42 17.7	18.6	7 809
1992 EK ₁₈	1992 03 05.09236	10 32 44.50	+03 54 38.6	19.7	7 809	1992 EH ₁₉	1992 03 06.16389	10 21 41.33	+13 51 43.2	20.8	7 809
1992 EK ₁₈	1992 03 08.09931	10 30 03.16	+04 27 08.8	20.8	7 809	1992 EJ ₁₉	* 1992 03 01.14722	10 25 32.86	+14 27 29.9	19.7	7 809
1992 EL ₁₈	* 1992 03 03.13333	10 34 44.54	+05 26 16.8	19.7	7 809	1992 EJ ₁₉	1992 03 04.16597	10 23 08.26	+14 42 11.4	19.7	7 809
1992 EL ₁₈	1992 03 05.09236	10 32 50.23	+05 35 38.5	18.6	7 809	1992 EK ₁₉	* 1992 03 01.14722	10 25 40.68	+14 54 37.3	17.5	7 809
1992 EL ₁₈	1992 03 08.09931	10 29 58.56	+05 49 54.0	19.7	7 809	1992 EK ₁₉	1992 03 04.16597	10 22 22.76	+15 00 31.1	18.6	7 809
1992 EM ₁₈	* 1992 03 03.13333	10 34 47.40	+01 34 42.7	18.6	7 809	1992 EL ₁₉	* 1992 03 01.14722	10 26 20.25	+12 51 34.8	17.5	7 809
1992 EM ₁₈	1992 03 05.09236	10 33 10.16	+01 47 34.6	19.7	7 809	1992 EL ₁₉	1992 03 04.16597	10 23 22.08	+12 56 26.1	18.6	7 809
1992 EM ₁₈	1992 03 08.09931	10 30 43.26	+02 07 31.5	19.7	7 809	1992 EL ₁₉	1992 04 06.06285	10 00 22.99	+12 53 20.5	19.8	7 809
1992 EN ₁₈	* 1992 03 01.14722	10 16 31.68	+16 19 11.9	19.7	7 809	1992 EM ₁₉	* 1992 03 01.14722	10 26 20.60	+14 10 40.2	18.6	7 809
1992 EN ₁₈	1992 03 04.16597	10 14 20.93	+16 39 33.8		7 809	1992 EM ₁₉	1992 03 04.16597	10 23 11.21	+14 13 17.3	19.7	7 809
1992 EO ₁₈	* 1992 03 01.14722	10 16 32.43	+17 05 33.4	18.6	7 809	1992 EN ₁₉	* 1992 03 01.14722	10 26 24.82	+16 58 39.1	18.6	7 809
1992 EO ₁₈	1992 03 04.16597	10 13 47.11	+17 23 50.8	18.6	7 809	1992 EN ₁₉	1992 03 04.16597	10 23 09.91	+16 59 36.6	18.6	7 809
1992 EP ₁₈	* 1992 03 01.14722	10 16 35.85	+15 49 26.8	16.4	7 809	1992 EO ₁₉	* 1992 03 01.14722	10 27 00.21	+12 28 53.4	16.4	7 809
1992 EP ₁₈	1992 03 04.16597	10 14 04.91	+16 02 37.5	17.5	7 809	1992 EO ₁₉	1992 03 04.16597	10 24 07.82	+12 41 59.7	17.5	7 809
1992 EP ₁₈	1992 04 04.06979	09 56 59.06	+17 07 16.5	16.7	7 809	1992 EP ₁₉	* 1992 03 01.14722	10 27 05.86	+13 40 51.0		7 809
1992 EQ ₁₈	* 1992 03 01.14722	10 16 50.26	+14 52 57.5	19.7	7 809	1992 EP ₁₉	1992 03 04.16597	10 24 40.65	+13 55 36.5		7 809
1992 EQ ₁₈	1992 03 04.16597	10 14 04.57	+15 14 47.1	19.7	7 809	1992 EQ ₁₉	* 1992 03 01.14722	10 27 25.77	+16 24 24.1	19.7	7 809
1992 ER ₁₈	* 1992 03 01.14722	10 17 46.75	+17 39 19.0	17.5	7 809	1992 EQ ₁₉	1992 03 04.16597	10 24 45.58	+16 37 42.0	20.8	7 809
1992 ER ₁₈	1992 03 04.16597	10 14 32.50	+17 39 03.0	17.5	7 809	1992 ER ₁₉	* 1992 03 01.14722	10 27 59.82	+12 52 42.8	18.6	7 809
1992 ES ₁₈	* 1992 03 01.14722	10 18 05.49	+15 56 58.1		7 809	1992 ER ₁₉	1992 03 06.16389	10 24 08.09	+13 13 13.6	20.8	7 809
1992 ES ₁₈	1992 03 04.16597	10 15 59.76	+16 40 02.3		7 809	1992 ES ₁₉	* 1992 03 01.14722	10 28 16.25	+13 01 01.4		7 809
1992 ET ₁₈	* 1992 03 01.14722	10 18 14.39	+14 34 40.2	17.5	7 809	1992 ES ₁₉	1992 03 04.16597	10 25 17.57	+13 22 43.8		7 809
1992 ET ₁₈	1992 03 04.16597	10 14 54.99	+14 46 20.4	18.6	7 809	1992 ET ₁₉	* 1992 03 01.14722	10 28 20.54	+16 03 32.0	20.8	7 809
1992 EU ₁₈	* 1992 03 01.14722	10 18 58.33	+12 41 23.6	17.5	7 809	1992 ET ₁₉	1992 03 04.16597	10 25 51.68	+16 28 52.9		7 809
1992 EU ₁₈	1992 03 04.16597	10 16 15.21	+12 54 59.3	18.6	7 809	1992 EU ₁₉	* 1992 03 01.14722	10 28 44.55	+15 34 39.5	17.5	7 809
1992 EV ₁₈	* 1992 03 01.14722	10 19 00.66	+14 50 55.6	19.7	7 809	1992 EU ₁₉	1992 03 04.16597	10 26 01.61	+15 58 10.5	17.5	7 809
1992 EV ₁₈	1992 03 04.16597	10 16 25.95	+15 06 33.9	19.7	7 809	1992 EV ₁₉	* 1992 03 01.14722	10 29 22.69	+13 23 12.2		7 809
1992 EW ₁₈	* 1992 03 01.14722	10 19 21.28	+13 52 04.9	19.7	7 809	1992 EV ₁₉	1992 03 06.16389	10 25 58.82	+14 04 15.6	18.6	7 809
1992 EW ₁₈	1992 03 04.16597	10 16 31.40	+14 09 46.8	19.7	7 809	1992 EW ₁₉	* 1992 03 01.14722	10 29 24.41	+17 25 37.8	18.6	7 809
1992 EX ₁₈	* 1992 03 01.14722	10 19 40.90	+14 30 47.2	18.6	7 809	1992 EW ₁₉	1992 03 04.16597	10 26 53.34	+17 40 14.8	19.7	7 809
1992 EX ₁₈	1992 03 04.16597	10 16 51.39	+14 36 12.5	18.6	7 809	1992 EX ₁₉	* 1992 03 01.14722	10 29 33.38	+14 06 13.9	19.7	7 809
1992 EY ₁₈	* 1992 03 01.14722	10 19 48.51	+16 05 03.5		7 809	1992 EX ₁₉	1992 03 04.16597	10 27 05.54	+14 24 26.5	20.8	7 809
1992 EY ₁₈	1992 03 04.16597	10 17 39.38	+16 32 41.0	20.8	7 809	1992 EY ₁₉	* 1992 03 01.14722	10 29 38.58	+13 05 48.1	19.7	7 809
1992 EZ ₁₈	* 1992 03 01.14722	10 20 57.78	+13 53 20.1	17.5	7 809	1992 EY ₁₉	1992 03 04.16597	10 26 58.67	+13 18 22.3	18.6	7 809
1992 EZ ₁₈	1992 03 04.16597	10 18 40.12	+14 06 32.7	17.5	7 809	1992 EZ ₁₉	* 1992 03 01.14722	10 29 44.34	+13 04 08.8	18.6	7 809
1992 EA ₁₉	* 1992 03 01.14722	10 21 15.26	+15 14 14.9	18.6	7 809	1992 EZ ₁₉	1992 03 04.16597	10 27 09.20	+13 55 34.0	20.8	7 809
1992 EA ₁₉	1992 03 04.16597	10 18 49.39	+15 31 17.1	19.7	7 809	1992 EZ ₁₉	1992 03 06.16389	10 25 28.22	+14 28 58.0		7 809
1992 EB ₁₉	* 1992 03 01.14722	10 21 17.27	+16 53 53.3	18.6	7 809	1992 EA ₂₀	* 1992 03 01.14722	10 30 05.76	+13 18 40.5	20.8	7 809
1992 EB ₁₉	1992 03 04.16597	10 18 19.01	+17 11 04.2	19.7	7 809	1992 EA ₂₀	1992 03 04.16597	10 28 00.31	+13 45 04.8		7 809
1992 EB ₁₉	1992 03 06.16389	10 16 25.53	+17 21 30.9		7 809	1992 EB ₂₀	* 1992 03 01.14722	10 32 09.40	+15 44 24.6	20.8	7 809
1992 EC ₁₉	* 1992 03 01.14722	10 22 25.31	+17 12 35.3	19.7	7 809	1992 EB ₂₀	1992 03 04.16597	10 30 07.28	+16 13 53.9		7 809
1992 EC ₁₉	1992 03 04.16597	10 19 47.18	+17 37 58.6	17.5	7 809	1992 EC ₂₀	* 1992 03 01.14722	10 32 26.32	+14 25 50.4	19.7	7 809
1992 ED ₁₉	* 1992 03 01.14722	10 22 51.19	+13 30 50.6	19.7	7 809	1992 EC ₂₀	1992 03 04.16597	10 29 38.45	+14 43 49.3	20.8	7 809
1992 ED ₁₉	1992 03 04.16597	10 19 16.70	+12 59 14.8	18.6	7 809	1992 ED ₂₀	* 1992 03 01.14722	10 32 43.19	+14 45 48.7	19.7	7 809
1992 EE ₁₉	* 1992 03 01.14722	10 23 29.38	+16 38 32.0	17.5	7 809	1992 ED ₂₀	1992 03 04.16597	10 30 28.47	+15 03 27.4	18.6	7 809
1992 EE ₁₉	1992 03 04.16597	10 20 32.51	+16 58 37.7	17.5	7 809	1992 EE ₂₀	* 1992 03 01.14722	10 32 55.35	+17 14 20.6	18.6	7 809
1992 EF ₁₉	* 1992 03 01.14722	10 24 22.54	+13 27 37.4	18.6	7 809	1992 EE ₂₀	1992 03 04.16597	10 29 57.07	+17 26 37.9	19.7	7 809
1992 EF ₁₉	1992 03 04.16597	10 21 59.42	+13 42 41.2	18.6	7 809	1992 EF ₂₀	* 1992 03 01.14722	10 33 24.30	+14 17 36.3	20.8	7 809
1992 EG ₁₉	* 1992 03 01.14722	10 24 56.22	+13 40 54.3	18.6	7 809	1992 EF ₂₀	1992 03 04.16597	10 30 42.84	+14 33 07.5		7 809

1992 EG ₂₀	* 1992 03 01.14722	10 33 38.49	+16 45 33.3	19.7	7 809	1992 EF ₂₁	* 1992 03 02.21389	10 53 45.25	+12 50 32.7	19.7	7 809
1992 EG ₂₀	1992 03 04.16597	10 31 21.60	+17 01 25.7	19.7	7 809	1992 EF ₂₁	1992 03 05.16458	10 50 37.93	+13 05 25.1	20.8	7 809
1992 EH ₂₀	* 1992 03 01.14722	10 33 39.20	+15 42 23.6	19.7	7 809	1992 EG ₂₁	* 1992 03 02.21389	10 54 38.38	+14 06 46.2	19.7	7 809
1992 EH ₂₀	1992 03 04.16597	10 30 51.82	+15 59 28.8		7 809	1992 EG ₂₁	1992 03 05.16458	10 52 11.70	+14 32 47.5	19.7	7 809
1992 EJ ₂₀	* 1992 03 01.14722	10 33 55.08	+15 48 14.9	18.6	7 809	1992 EH ₂₁	* 1992 03 04.16597	10 17 33.30	+16 49 36.7	20.8	7 809
1992 EJ ₂₀	1992 03 04.16597	10 31 25.72	+16 05 36.5	20.8	7 809	1992 EH ₂₁	1992 03 06.16389	10 15 43.82	+17 00 47.8		7 809
1992 EK ₂₀	* 1992 03 01.14722	10 34 12.68	+15 44 24.1	20.8	7 809	1992 EJ ₂₁	* 1992 03 04.16597	10 21 37.25	+13 01 21.5	20.8	7 809
1992 EK ₂₀	1992 03 04.16597	10 31 47.85	+16 05 45.6	20.8	7 809	1992 EJ ₂₁	1992 03 06.16389	10 19 57.34	+13 04 15.9	20.8	7 809
1992 EL ₂₀	* 1992 03 01.14722	10 34 21.47	+16 34 03.6	19.7	7 809	1992 EK ₂₁	* 1992 03 04.16597	10 25 55.35	+12 35 15.9	17.5	7 809
1992 EL ₂₀	1992 03 04.16597	10 31 43.17	+16 52 45.1		7 809	1992 EK ₂₁	1992 03 06.16389	10 24 30.73	+12 46 22.5	17.5	7 809
1992 EM ₂₀	* 1992 03 01.14722	10 34 48.31	+14 22 51.0	17.5	7 809	1992 EL ₂₁	* 1992 03 04.16597	10 29 01.42	+15 17 18.5		7 809
1992 EM ₂₀	1992 03 06.16389	10 30 24.02	+14 42 13.4	17.5	7 809	1992 EL ₂₁	1992 03 06.16389	10 27 07.69	+15 26 55.3	20.8	7 809
1992 EN ₂₀	* 1992 03 01.14722	10 35 14.85	+15 34 11.2		7 809	1992 EM ₂₁	* 1992 03 04.16597	10 32 21.74	+13 06 24.0	19.7	7 809
1992 EN ₂₀	1992 03 04.16597	10 32 56.08	+16 04 23.2		7 809	1992 EM ₂₁	1992 03 06.16389	10 30 12.95	+13 02 55.8		7 809
1992 EO ₂₀	* 1992 03 02.21389	10 37 54.72	+15 11 13.1	18.6	7 809	1992 EN ₂₁	* 1992 03 04.16597	10 32 53.30	+13 55 14.0	19.7	7 809
1992 EO ₂₀	1992 03 05.16458	10 35 30.35	+15 26 55.3	20.8	7 809	1992 EN ₂₁	1992 03 06.16389	10 31 15.15	+14 32 30.2	19.7	7 809
1992 EO ₂₀	1992 03 06.16389	10 34 42.28	+15 31 58.1		7 809	1992 EO ₂₁	* 1992 03 04.16597	10 33 10.75	+14 21 36.0	18.6	7 809
1992 EP ₂₀	* 1992 03 02.21389	10 38 14.51	+16 19 19.9	18.6	7 809	1992 EO ₂₁	1992 03 06.16389	10 31 26.96	+14 11 42.1		7 809
1992 EP ₂₀	1992 03 05.16458	10 35 40.01	+16 32 43.3	19.7	7 809	1992 EP ₂₁	* 1992 03 04.16597	10 34 37.55	+13 15 27.5	19.7	7 809
1992 EP ₂₀	1992 03 06.16389	10 34 48.25	+16 37 00.8	18.6	7 809	1992 EP ₂₁	1992 03 06.16389	10 32 14.52	+13 22 02.9		7 809
1992 EQ ₂₀	* 1992 03 02.21389	10 38 29.41	+15 51 01.5	18.6	7 809	1992 EQ ₂₁	* 1992 03 05.16458	10 45 49.27	+13 00 12.9	16.4	7 809
1992 EQ ₂₀	1992 03 05.16458	10 35 56.11	+15 57 47.0	19.7	7 809	1992 EQ ₂₁	1992 03 07.16111	10 44 04.48	+13 03 55.7	16.4	7 809
1992 ER ₂₀	* 1992 03 02.21389	10 38 57.13	+13 08 39.7	17.5	7 809	1992 EQ ₂₁	1992 04 06.11007	10 23 40.67	+13 08 41.3	16.7	7 809
1992 ER ₂₀	1992 03 05.16458	10 35 54.02	+13 20 07.9	17.5	7 809	1992 ER ₂₁	* 1992 03 05.16458	10 47 34.23	+12 24 45.0	19.7	7 809
1992 ES ₂₀	* 1992 03 02.21389	10 39 15.51	+13 51 11.5	16.4	7 809	1992 ER ₂₁	1992 03 07.16111	10 45 53.32	+12 36 07.3	19.7	7 809
1992 ES ₂₀	1992 03 05.16458	10 36 39.08	+13 54 23.3	16.4	7 809	1992 ES ₂₁	* 1992 03 05.16458	10 48 41.67	+12 46 49.6		7 809
1992 ES ₂₀	1992 04 06.11007	10 17 11.02	+13 24 57.4	16.7	7 809	1992 ES ₂₁	1992 03 07.16111	10 46 33.95	+13 01 43.6		7 809
1992 ET ₂₀	* 1992 03 02.21389	10 39 23.27	+12 31 22.9	17.5	7 809	1993 JV	1992 03 06.09722	10 46 08.45	+08 24 55.9	16.4	7 809
1992 ET ₂₀	1992 03 05.16458	10 36 49.43	+12 52 31.6	19.7	7 809	1993 JV	1992 03 08.17222	10 44 26.89	+08 34 07.4	17.5	7 809
1992 EU ₂₀	* 1992 03 02.21389	10 39 26.19	+13 52 13.4	16.4	7 809	1993 JV	1992 04 06.11007	10 26 15.05	+10 06 45.5	17.8	7 809
1992 EU ₂₀	1992 03 05.16458	10 36 50.28	+14 05 45.8	17.5	7 809	1993 OU ₁₃	* 1992 07 19.13958	19 18 26.14	-19 59 48.4	18.3	4 809
1992 EV ₂₀	* 1992 03 02.21389	10 39 50.51	+13 31 16.4	18.6	7 809	1993 OU ₁₃	1993 07 19.15278	19 18 25.30	-19 59 51.6		4 809
1992 EV ₂₀	1992 03 05.16458	10 36 55.96	+13 38 16.3	18.6	7 809	1993 OU ₁₃	1993 07 19.16597	19 18 24.45	-19 59 55.1		4 809
1992 EW ₂₀	* 1992 03 02.21389	10 40 22.32	+16 45 26.8	20.8	7 809	1994 CX ₂	1994 02 12.24375	11 00 26.30	+09 25 00.8	18.2	4 809
1992 EW ₂₀	1992 03 05.16458	10 37 54.35	+17 17 17.9		7 809	1994 CX ₂	1994 02 12.25556	11 00 25.79	+09 25 05.0		4 809
1992 EX ₂₀	* 1992 03 02.21389	10 42 35.76	+16 37 30.1		7 809	1994 CX ₂	1994 02 12.26736	11 00 25.24	+09 25 09.2		4 809
1992 EX ₂₀	1992 03 05.16458	10 39 32.30	+16 31 25.7		7 809	1994 CH ₉	1994 02 12.24375	10 45 12.69	+10 57 00.5	18.5	4 809
1992 EY ₂₀	* 1992 03 02.21389	10 44 02.36	+16 02 49.8	20.8	7 809	1994 CH ₉	1994 02 12.25556	10 45 12.04	+10 57 04.0		4 809
1992 EY ₂₀	1992 03 05.16458	10 41 41.03	+16 21 05.7		7 809	1994 CH ₉	1994 02 12.26736	10 45 11.56	+10 57 07.1		4 809
1992 EZ ₂₀	* 1992 03 02.21389	10 46 41.35	+16 59 26.2	19.7	7 809	1994 CJ ₉	1994 02 12.24375	10 45 18.66	+12 42 27.2	18.3	4 809
1992 EZ ₂₀	1992 03 05.16458	10 43 54.43	+17 24 49.3		7 809	1994 CJ ₉	1994 02 12.25556	10 45 18.04	+12 42 33.9		4 809
1992 EA ₂₁	* 1992 03 02.21389	10 48 31.11	+15 36 37.1	18.6	7 809	1994 CJ ₉	1994 02 12.26736	10 45 17.43	+12 42 42.1		4 809
1992 EA ₂₁	1992 03 05.16458	10 45 20.21	+15 50 14.9	20.8	7 809	1994 CK ₉	1994 02 12.24375	10 45 51.66	+12 19 59.2	18.6	4 809
1992 EB ₂₁	* 1992 03 02.21389	10 49 49.83	+13 23 00.2		7 809	1994 CK ₉	1994 02 12.25556	10 45 50.95	+12 20 02.2		4 809
1992 EB ₂₁	1992 03 05.16458	10 46 57.43	+13 42 06.6	19.7	7 809	1994 CK ₉	1994 02 12.26736	10 45 50.34	+12 20 05.3		4 809
1992 EC ₂₁	* 1992 03 02.21389	10 50 20.31	+13 32 59.6	17.5	7 809	1994 CL ₉	1994 02 12.24375	10 45 58.14	+11 56 37.4	18.6	4 809
1992 EC ₂₁	1992 03 05.16458	10 47 52.36	+13 49 51.0	18.6	7 809	1994 CL ₉	1994 02 12.25556	10 45 57.42	+11 56 41.1		4 809
1992 ED ₂₁	* 1992 03 02.21389	10 52 26.65	+15 01 04.8	18.6	7 809	1994 CL ₉	1994 02 12.26736	10 45 56.72	+11 56 44.5		4 809
1992 ED ₂₁	1992 03 05.16458	10 49 40.15	+15 25 43.5	20.8	7 809	1994 CM ₉	1994 02 12.24375	10 47 12.26	+10 08 17.0	18.3	4 809
1992 ED ₂₁	1992 03 07.16111	10 47 49.20	+15 41 29.9		7 809	1994 CM ₉	1994 02 12.25556	10 47 11.69	+10 08 21.9		4 809
1992 EE ₂₁	* 1992 03 02.21389	10 53 03.83	+12 20 23.4		7 809	1994 CM ₉	1994 02 12.26736	10 47 11.15	+10 08 26.9		4 809
1992 EE ₂₁	1992 03 05.16458	10 50 50.02	+12 38 58.6	20.8	7 809	1994 CN ₉	1994 02 12.24375	10 46 31.63	+10 52 18.1	18.5	4 809

1994 CN ₉	1994 02 12.25556	10 46 30.84	+10 52 21.1		4 809	1994 CN ₁₀	1994 02 12.26736	10 51 07.51	+11 51 59.2		4 809
1994 CN ₉	1994 02 12.26736	10 46 30.14	+10 52 23.6		4 809	1994 CO ₁₀	1994 02 12.24375	10 51 31.28	+12 37 45.5	18.2	4 809
1994 CO ₉	1994 02 12.24375	10 47 36.89	+13 11 34.4	18.2	4 809	1994 CO ₁₀	1994 02 12.25556	10 51 30.61	+12 37 51.0		4 809
1994 CO ₉	1994 02 12.25556	10 47 36.31	+13 11 40.7		4 809	1994 CO ₁₀	1994 02 12.26736	10 51 29.98	+12 37 57.0		4 809
1994 CO ₉	1994 02 12.26736	10 47 35.73	+13 11 47.1		4 809	1994 CP ₁₀	1994 02 12.24375	10 52 09.84	+09 45 01.1	18.3	4 809
1994 CP ₉	1994 02 12.24375	10 47 27.66	+11 55 46.1	18.4	4 809	1994 CP ₁₀	1994 02 12.25556	10 52 09.29	+09 45 04.2		4 809
1994 CP ₉	1994 02 12.25556	10 47 27.00	+11 55 48.5		4 809	1994 CP ₁₀	1994 02 12.26736	10 52 08.70	+09 45 06.6		4 809
1994 CP ₉	1994 02 12.26736	10 47 26.39	+11 55 51.1		4 809	1994 CQ ₁₀	1994 02 12.24375	10 53 21.19	+13 32 12.2	18.5	4 809
1994 CQ ₉	1994 02 12.24375	10 48 41.56	+12 39 13.3	18.4	4 809	1994 CQ ₁₀	1994 02 12.25556	10 53 20.87	+13 32 20.4		4 809
1994 CQ ₉	1994 02 12.25556	10 48 41.05	+12 39 20.6		4 809	1994 CQ ₁₀	1994 02 12.26736	10 53 20.44	+13 32 28.0		4 809
1994 CQ ₉	1994 02 12.26736	10 48 40.51	+12 39 24.2		4 809	1994 CT ₁₀	1994 02 12.24375	10 52 30.43	+12 25 28.1	18.5	4 809
1994 CR ₉	1994 02 12.24375	10 47 30.41	+09 37 45.3	18.5	4 809	1994 CT ₁₀	1994 02 12.25556	10 52 29.81	+12 25 33.6		4 809
1994 CR ₉	1994 02 12.25556	10 47 29.67	+09 37 43.6		4 809	1994 CT ₁₀	1994 02 12.26736	10 52 29.04	+12 25 37.0		4 809
1994 CR ₉	1994 02 12.26736	10 47 28.88	+09 37 44.5		4 809	1994 CU ₁₀	1994 02 12.24375	10 52 42.96	+12 10 34.8	18.2	4 809
1994 CS ₉	1994 02 12.24375	10 49 11.36	+11 12 55.1	18.5	4 809	1994 CU ₁₀	1994 02 12.25556	10 52 42.34	+12 10 41.2		4 809
1994 CS ₉	1994 02 12.25556	10 49 10.81	+11 12 57.0		4 809	1994 CU ₁₀	1994 02 12.26736	10 52 41.72	+12 10 47.5		4 809
1994 CS ₉	1994 02 12.26736	10 49 10.31	+11 13 01.3		4 809	1994 CX ₁₀	1994 02 12.24375	10 54 02.59	+10 04 21.1	18.3	4 809
1994 CT ₉	1994 02 12.24375	10 49 53.21	+09 12 20.2	18.4	4 809	1994 CX ₁₀	1994 02 12.25556	10 54 02.05	+10 04 23.9		4 809
1994 CT ₉	1994 02 12.25556	10 49 52.71	+09 12 27.8		4 809	1994 CX ₁₀	1994 02 12.26736	10 54 01.56	+10 04 28.8		4 809
1994 CT ₉	1994 02 12.26736	10 49 52.22	+09 12 35.7		4 809	1994 CY ₁₀	1994 02 12.24375	10 53 24.33	+11 53 55.5	18.4	4 809
1994 CV ₉	1994 02 12.24375	10 49 20.19	+09 47 53.1	18.4	4 809	1994 CY ₁₀	1994 02 12.25556	10 53 23.70	+11 54 00.4		4 809
1994 CV ₉	1994 02 12.25556	10 49 19.56	+09 47 59.8		4 809	1994 CY ₁₀	1994 02 12.26736	10 53 23.08	+11 54 05.8		4 809
1994 CV ₉	1994 02 12.26736	10 49 19.01	+09 48 05.8		4 809	1994 CZ ₁₀	1994 02 12.24375	10 53 31.07	+11 12 44.6	18.3	4 809
1994 CX ₉	1994 02 12.24375	10 48 58.31	+11 49 38.0	18.3	4 809	1994 CZ ₁₀	1994 02 12.25556	10 53 30.26	+11 12 45.3		4 809
1994 CX ₉	1994 02 12.25556	10 48 57.64	+11 49 42.8		4 809	1994 CZ ₁₀	1994 02 12.26736	10 53 29.67	+11 12 46.3		4 809
1994 CX ₉	1994 02 12.26736	10 48 56.99	+11 49 49.6		4 809	1994 CA ₁₁	1994 02 12.24375	10 55 03.40	+12 57 35.2	18.4	4 809
1994 CZ ₉	1994 02 12.24375	10 49 40.74	+13 18 01.9	18.3	4 809	1994 CA ₁₁	1994 02 12.25556	10 55 02.99	+12 57 38.6		4 809
1994 CZ ₉	1994 02 12.25556	10 49 40.12	+13 18 05.2		4 809	1994 CA ₁₁	1994 02 12.26736	10 55 02.52	+12 57 42.9		4 809
1994 CZ ₉	1994 02 12.26736	10 49 39.62	+13 18 09.2		4 809	1994 CB ₁₁	1994 02 12.24375	10 54 25.52	+10 21 43.0	18.4	4 809
1994 CA ₁₀	1994 02 12.24375	10 49 53.34	+12 08 30.8	18.3	4 809	1994 CB ₁₁	1994 02 12.25556	10 54 24.96	+10 21 44.1		4 809
1994 CA ₁₀	1994 02 12.25556	10 49 52.85	+12 08 36.6		4 809	1994 CB ₁₁	1994 02 12.26736	10 54 24.30	+10 21 45.3		4 809
1994 CA ₁₀	1994 02 12.26736	10 49 52.31	+12 08 43.0		4 809	1994 CC ₁₁	1994 02 12.24375	10 54 54.60	+11 19 08.2	18.4	4 809
1994 CF ₁₀	1994 02 12.24375	10 50 16.75	+12 31 50.0	18.3	4 809	1994 CC ₁₁	1994 02 12.25556	10 54 54.09	+11 19 11.2		4 809
1994 CF ₁₀	1994 02 12.25556	10 50 16.01	+12 31 55.1		4 809	1994 CC ₁₁	1994 02 12.26736	10 54 53.57	+11 19 15.0		4 809
1994 CF ₁₀	1994 02 12.26736	10 50 15.34	+12 31 58.9		4 809	1994 CD ₁₁	1994 02 12.24375	10 54 22.65	+13 21 12.1	18.3	4 809
1994 CG ₁₀	1994 02 12.24375	10 51 13.02	+12 36 41.5	18.4	4 809	1994 CD ₁₁	1994 02 12.25556	10 54 21.96	+13 21 17.3		4 809
1994 CG ₁₀	1994 02 12.25556	10 51 12.46	+12 36 44.0		4 809	1994 CD ₁₁	1994 02 12.26736	10 54 21.34	+13 21 22.6		4 809
1994 CG ₁₀	1994 02 12.26736	10 51 11.82	+12 36 48.7		4 809	1994 CE ₁₁	1994 02 12.24375	10 54 40.46	+11 20 24.3	18.2	4 809
1994 CH ₁₀	1994 02 12.24375	10 51 29.60	+13 16 01.3	18.4	4 809	1994 CE ₁₁	1994 02 12.25556	10 54 39.79	+11 20 27.8		4 809
1994 CH ₁₀	1994 02 12.25556	10 51 29.02	+13 16 04.8		4 809	1994 CE ₁₁	1994 02 12.26736	10 54 39.18	+11 20 31.6		4 809
1994 CH ₁₀	1994 02 12.26736	10 51 28.51	+13 16 07.0		4 809	1994 CG ₁₁	1994 02 12.24375	10 54 39.76	+10 17 10.8	18.3	4 809
1994 CK ₁₀	1994 02 12.24375	10 51 10.75	+13 27 29.4	18.3	4 809	1994 CG ₁₁	1994 02 12.25556	10 54 39.13	+10 17 12.1		4 809
1994 CK ₁₀	1994 02 12.25556	10 51 10.09	+13 27 34.6		4 809	1994 CG ₁₁	1994 02 12.26736	10 54 38.45	+10 17 12.9		4 809
1994 CK ₁₀	1994 02 12.26736	10 51 09.46	+13 27 38.3		4 809	1994 CH ₁₁	1994 02 12.24375	10 55 30.09	+12 56 57.7	18.0	4 809
1994 CL ₁₀	1994 02 12.24375	10 51 31.82	+13 31 59.4	18.3	4 809	1994 CH ₁₁	1994 02 12.25556	10 55 29.49	+12 57 02.9		4 809
1994 CL ₁₀	1994 02 12.25556	10 51 31.16	+13 32 06.1		4 809	1994 CH ₁₁	1994 02 12.26736	10 55 28.95	+12 57 08.6		4 809
1994 CL ₁₀	1994 02 12.26736	10 51 30.58	+13 32 11.2		4 809	1994 CJ ₁₁	1994 02 12.24375	10 56 25.53	+10 58 45.9	18.2	4 809
1994 CM ₁₀	1994 02 12.24375	10 52 12.97	+12 35 28.4	18.1	4 809	1994 CJ ₁₁	1994 02 12.25556	10 56 25.05	+10 58 55.2		4 809
1994 CM ₁₀	1994 02 12.25556	10 52 12.38	+12 35 34.2		4 809	1994 CJ ₁₁	1994 02 12.26736	10 56 24.55	+10 59 04.1		4 809
1994 CM ₁₀	1994 02 12.26736	10 52 11.85	+12 35 41.2		4 809	1994 CK ₁₁	1994 02 12.24375	10 55 10.26	+11 53 16.5	18.5	4 809
1994 CN ₁₀	1994 02 12.24375	10 51 08.88	+11 51 52.9	18.2	4 809	1994 CK ₁₁	1994 02 12.25556	10 55 09.66	+11 53 19.7		4 809
1994 CN ₁₀	1994 02 12.25556	10 51 08.23	+11 51 56.1		4 809	1994 CK ₁₁	1994 02 12.26736	10 55 08.87	+11 53 21.5		4 809

1994 CL ₁₁	1994 02 12.24375	10 56 45.20	+13 01 43.3	18.4	4 809	1994 CJ ₁₂	1994 02 12.25556	10 59 29.62	+11 44 47.2		4 809
1994 CL ₁₁	1994 02 12.25556	10 56 44.84	+13 01 51.4		4 809	1994 CJ ₁₂	1994 02 12.26736	10 59 28.91	+11 44 50.3		4 809
1994 CL ₁₁	1994 02 12.26736	10 56 44.37	+13 01 57.3		4 809	1994 CK ₁₂	1994 02 12.24375	11 01 00.08	+09 38 20.1	18.3	4 809
1994 CM ₁₁	1994 02 12.24375	10 56 07.84	+10 13 22.9	18.2	4 809	1994 CK ₁₂	1994 02 12.25556	11 00 59.46	+09 38 23.0		4 809
1994 CM ₁₁	1994 02 12.25556	10 56 07.17	+10 13 26.5		4 809	1994 CK ₁₂	1994 02 12.26736	11 00 58.89	+09 38 26.2		4 809
1994 CM ₁₁	1994 02 12.26736	10 56 06.57	+10 13 29.2		4 809	1994 CL ₁₂	1994 02 12.24375	11 01 32.03	+13 12 06.9	18.4	4 809
1994 CN ₁₁	1994 02 12.24375	10 55 55.37	+13 02 21.4	18.5	4 809	1994 CL ₁₂	1994 02 12.25556	11 01 31.49	+13 12 15.2		4 809
1994 CN ₁₁	1994 02 12.25556	10 55 54.72	+13 02 23.9		4 809	1994 CL ₁₂	1994 02 12.26736	11 01 30.97	+13 12 21.4		4 809
1994 CN ₁₁	1994 02 12.26736	10 55 54.18	+13 02 26.2		4 809	1994 CM ₁₂	1994 02 12.24375	11 02 08.45	+09 02 33.9	18.4	4 809
1994 CO ₁₁	1994 02 12.24375	10 57 29.89	+09 32 14.4	18.2	4 809	1994 CM ₁₂	1994 02 12.25556	11 02 07.88	+09 02 37.2		4 809
1994 CO ₁₁	1994 02 12.25556	10 57 29.43	+09 32 24.0		4 809	1994 CM ₁₂	1994 02 12.26736	11 02 07.35	+09 02 40.0		4 809
1994 CO ₁₁	1994 02 12.26736	10 57 29.00	+09 32 33.3		4 809	1994 CN ₁₂	1994 02 12.24375	11 01 49.48	+10 56 37.7	18.3	4 809
1994 CP ₁₁	1994 02 12.24375	10 56 54.53	+13 00 32.7	18.5	4 809	1994 CN ₁₂	1994 02 12.25556	11 01 49.02	+10 56 43.0		4 809
1994 CP ₁₁	1994 02 12.25556	10 56 53.95	+13 00 38.0		4 809	1994 CN ₁₂	1994 02 12.26736	11 01 48.54	+10 56 47.2		4 809
1994 CP ₁₁	1994 02 12.26736	10 56 53.32	+13 00 42.0		4 809	1994 CP ₁₂	1994 02 12.24375	11 01 11.64	+09 20 18.2	18.3	4 809
1994 CR ₁₁	1994 02 12.24375	10 57 26.99	+10 59 45.5	18.2	4 809	1994 CP ₁₂	1994 02 12.25556	11 01 11.00	+09 20 21.0		4 809
1994 CR ₁₁	1994 02 12.25556	10 57 26.42	+10 59 49.1		4 809	1994 CP ₁₂	1994 02 12.26736	11 01 10.42	+09 20 24.1		4 809
1994 CR ₁₁	1994 02 12.26736	10 57 25.90	+10 59 54.9		4 809	1994 CS ₁₂	1994 02 12.24375	11 02 57.40	+09 38 09.7	18.5	4 809
1994 CS ₁₁	1994 02 12.24375	10 56 49.87	+10 27 07.4	18.4	4 809	1994 CS ₁₂	1994 02 12.25556	11 02 56.85	+09 38 15.1		4 809
1994 CS ₁₁	1994 02 12.25556	10 56 49.17	+10 27 07.6		4 809	1994 CS ₁₂	1994 02 12.26736	11 02 56.39	+09 38 19.7		4 809
1994 CS ₁₁	1994 02 12.26736	10 56 48.58	+10 27 09.1		4 809	1994 CT ₁₂	1994 02 12.24375	11 02 41.97	+12 31 39.9	18.0	4 809
1994 CT ₁₁	1994 02 12.24375	10 57 11.42	+11 10 58.8	18.4	4 809	1994 CT ₁₂	1994 02 12.25556	11 02 41.41	+12 31 45.8		4 809
1994 CT ₁₁	1994 02 12.25556	10 57 10.84	+11 11 02.1		4 809	1994 CT ₁₂	1994 02 12.26736	11 02 40.83	+12 31 51.3		4 809
1994 CT ₁₁	1994 02 12.26736	10 57 10.25	+11 11 06.1		4 809	1994 CV ₁₂	1994 02 12.24375	11 02 34.11	+13 29 03.8	18.3	4 809
1994 CU ₁₁	1994 02 12.24375	10 57 36.84	+10 05 37.6	18.6	4 809	1994 CV ₁₂	1994 02 12.25556	11 02 33.46	+13 29 06.6		4 809
1994 CU ₁₁	1994 02 12.25556	10 57 36.29	+10 05 42.0		4 809	1994 CV ₁₂	1994 02 12.26736	11 02 32.81	+13 29 09.7		4 809
1994 CU ₁₁	1994 02 12.26736	10 57 35.55	+10 05 46.6		4 809	1994 CX ₁₂	1994 02 12.24375	11 04 37.95	+12 52 28.8	17.8	4 809
1994 CV ₁₁	1994 02 12.24375	10 58 10.03	+11 32 51.1	18.3	4 809	1994 CX ₁₂	1994 02 12.25556	11 04 37.30	+12 52 31.9		4 809
1994 CV ₁₁	1994 02 12.25556	10 58 09.51	+11 32 56.0		4 809	1994 CX ₁₂	1994 02 12.26736	11 04 36.68	+12 52 36.8		4 809
1994 CV ₁₁	1994 02 12.26736	10 58 08.95	+11 32 59.2		4 809	1240 T-1	1994 02 12.24375	10 53 28.79	+13 35 00.0	18.3	4 809
1994 CW ₁₁	1994 02 12.24375	10 58 11.62	+12 00 22.8	18.5	4 809	1240 T-1	1994 02 12.25556	10 53 28.18	+13 35 01.7		4 809
1994 CW ₁₁	1994 02 12.25556	10 58 11.00	+12 00 25.5		4 809	1240 T-1	1994 02 12.26736	10 53 27.57	+13 35 05.3		4 809
1994 CW ₁₁	1994 02 12.26736	10 58 10.46	+12 00 28.1		4 809	3176 T-2	1994 02 12.24375	10 51 59.42	+13 29 03.7	18.3	4 809
1994 CY ₁₁	1994 02 12.24375	10 57 45.84	+11 32 55.0	18.6	4 809	3176 T-2	1994 02 12.25556	10 51 58.73	+13 29 08.0		4 809
1994 CY ₁₁	1994 02 12.25556	10 57 45.22	+11 32 57.5		4 809	3176 T-2	1994 02 12.26736	10 51 58.09	+13 29 10.4		4 809
1994 CY ₁₁	1994 02 12.26736	10 57 44.76	+11 33 00.0		4 809	(294)	1994 02 12.24375	10 49 31.95	+10 28 07.9	18.0	4 809
1994 CZ ₁₁	1994 02 12.24375	10 58 09.41	+11 54 59.1	18.4	4 809	(294)	1994 02 12.25556	10 49 31.45	+10 28 11.4		4 809
1994 CZ ₁₁	1994 02 12.25556	10 58 08.69	+11 55 04.0		4 809	(294)	1994 02 12.26736	10 49 30.89	+10 28 15.0		4 809
1994 CZ ₁₁	1994 02 12.26736	10 58 08.03	+11 55 09.4		4 809	(1069)	1994 02 12.24375	10 45 30.72	+11 57 13.8	15.5	4 809
1994 CB ₁₂	1994 02 12.24375	10 58 24.99	+13 17 12.1	18.5	4 809	(1069)	1994 02 12.25556	10 45 30.18	+11 57 20.2		4 809
1994 CB ₁₂	1994 02 12.25556	10 58 24.31	+13 17 16.1		4 809	(1069)	1994 02 12.26736	10 45 29.70	+11 57 27.2		4 809
1994 CB ₁₂	1994 02 12.26736	10 58 23.52	+13 17 20.2		4 809	(1073)	1994 02 12.24375	10 44 13.82	+10 07 45.9	18.1	4 809
1994 CE ₁₂	1994 02 12.24375	10 59 09.27	+13 16 25.0	18.4	4 809	(1073)	1994 02 12.25556	10 44 13.27	+10 07 48.5		4 809
1994 CE ₁₂	1994 02 12.25556	10 59 08.70	+13 16 27.3		4 809	(1073)	1994 02 12.26736	10 44 12.70	+10 07 51.5		4 809
1994 CE ₁₂	1994 02 12.26736	10 59 08.06	+13 16 29.7		4 809	(1581)	1994 02 12.24375	10 53 35.61	+10 12 35.9	17.0	4 809
1994 CG ₁₂	1994 02 12.24375	10 59 26.92	+12 07 00.3	18.3	4 809	(1581)	1994 02 12.25556	10 53 35.04	+10 12 39.1		4 809
1994 CG ₁₂	1994 02 12.25556	10 59 26.32	+12 07 03.4		4 809	(1581)	1994 02 12.26736	10 53 34.45	+10 12 43.1		4 809
1994 CG ₁₂	1994 02 12.26736	10 59 25.69	+12 07 07.7		4 809	(1846)	1994 02 12.24375	10 48 28.93	+12 15 01.1	17.8	4 809
1994 CH ₁₂	1994 02 12.24375	11 00 08.89	+08 47 30.4	18.5	4 809	(1846)	1994 02 12.25556	10 48 28.22	+12 15 04.4		4 809
1994 CH ₁₂	1994 02 12.25556	11 00 08.32	+08 47 35.3		4 809	(1846)	1994 02 12.26736	10 48 27.50	+12 15 07.0		4 809
1994 CH ₁₂	1994 02 12.26736	11 00 07.83	+08 47 40.9		4 809	(2336)	1994 02 12.24375	10 52 53.65	+11 20 20.9	18.0	4 809
1994 CJ ₁₂	1994 02 12.24375	10 59 30.32	+11 44 44.6	18.4	4 809	(2336)	1994 02 12.25556	10 52 53.13	+11 20 24.7		4 809

(2336)	1994 02 12.26736	10 52 52.59	+11 20 28.1		4 809	1988 BX	1994 08 07.24325	20 20 46.12	-04 50 26.4	15.9	816
(2815)	1994 02 12.24375	10 51 33.14	+12 41 29.7	18.0	4 809	1988 BX	1994 08 08.14707	20 19 26.40	-04 42 47.1		816
(2815)	1994 02 12.25556	10 51 32.51	+12 41 35.8		4 809	1988 BX	1994 08 08.14883	20 19 26.25	-04 42 46.1		816
(2815)	1994 02 12.26736	10 51 31.86	+12 41 41.2		4 809	1988 BX	1994 08 08.15201	20 19 25.96	-04 42 44.2		816
(2959)	1994 02 12.24375	10 48 29.43	+11 43 11.4	18.0	4 809	1991 CZ	1994 07 04.22541	18 01 29.14	+17 53 00.8		816
(2959)	1994 02 12.25556	10 48 28.98	+11 43 14.9		4 809	1991 CZ	1994 07 04.22836	18 01 28.95	+17 52 58.3		816
(2959)	1994 02 12.26736	10 48 28.49	+11 43 17.4		4 809	1991 CZ	1994 07 04.24102	18 01 28.12	+17 52 47.3		816
(3314)	1994 02 12.24375	10 56 34.35	+13 06 17.7	17.2	4 809	1991 CZ	1994 07 05.11913	18 00 34.39	+17 40 02.8		816
(3314)	1994 02 12.25556	10 56 33.58	+13 06 20.0		4 809	1991 CZ	1994 07 05.12140	18 00 34.27	+17 40 01.3	W	816
(3314)	1994 02 12.26736	10 56 32.80	+13 06 22.7		4 809	1991 CZ	1994 07 05.14391	18 00 32.81	+17 39 41.3		816
(3390)	1994 02 12.24375	10 46 31.04	+08 59 05.1	18.0	4 809	1991 JF ₁	1994 07 02.10458	15 57 15.78	+09 40 01.3	15.5	816
(3390)	1994 02 12.25556	10 46 30.28	+08 59 08.1		4 809	1991 JF ₁	1994 07 02.12642	15 57 15.06	+09 40 06.7	15.5	816
(3390)	1994 02 12.26736	10 46 29.60	+08 59 10.4		4 809	1991 JF ₁	1994 07 02.12875	15 57 14.98	+09 40 07.7	15.6	816
(3851)	1994 02 12.24375	10 55 58.56	+08 39 04.1	18.0	4 809	1994 LK	1994 07 17.15343	17 24 37.56	+13 24 35.6	15.3	816
(3851)	1994 02 12.25556	10 55 57.78	+08 39 06.1		4 809	1994 LK	1994 07 17.15976	17 24 37.39	+13 24 33.4	15.4	816
(3851)	1994 02 12.26736	10 55 57.00	+08 39 07.7		4 809	1994 LK	1994 07 17.16307	17 24 37.32	+13 24 32.4		816
(3875)	1994 02 12.24375	10 43 53.17	+11 47 06.0	18.0	4 809	1994 LK	1994 07 17.19083	17 24 36.61	+13 24 24.9	15.4	816
(3875)	1994 02 12.25556	10 43 52.49	+11 47 11.3		4 809	1994 PD	1994 08 07.16150	21 10 44.26	-18 10 47.6	15.8	816
(3875)	1994 02 12.26736	10 43 51.78	+11 47 17.2		4 809	1994 PD	1994 08 07.17447	21 10 43.65	-18 11 10.4		816
(3905)	1994 02 12.24375	10 48 54.10	+13 12 16.7	17.5	4 809	1994 PD	1994 08 07.17689	21 10 43.56	-18 11 14.6		816
(3905)	1994 02 12.25556	10 48 53.25	+13 12 15.7		4 809	1994 PD	1994 08 07.18274	21 10 43.28	-18 11 24.9		816
(3905)	1994 02 12.26736	10 48 52.40	+13 12 15.7		4 809	1994 PD	1994 08 07.18506	21 10 43.17	-18 11 28.8		816
(4375)	1994 02 12.24375	10 43 34.08	+10 49 31.1	17.8	4 809	1994 PM	1994 08 12.14750	21 13 48.29	-12 18 59.2	14.3	816
(4375)	1994 02 12.25556	10 43 33.47	+10 49 37.1		4 809	1994 PM	1994 08 12.15486	21 13 43.47	-12 20 09.4	14.3	816
(4375)	1994 02 12.26736	10 43 32.84	+10 49 44.0		4 809	1994 PM	1994 08 12.16174	21 13 38.94	-12 21 15.1	14.1	816
(4535)	1994 02 12.24375	10 48 58.45	+11 02 20.7	18.0	4 809	1994 PM	1994 08 12.16381	21 13 37.57	-12 21 34.8	14.1	816
(4535)	1994 02 12.25556	10 48 57.90	+11 02 25.9		4 809	1994 PM	1994 08 12.16733	21 13 35.26	-12 22 08.5	14.0	816
(4535)	1994 02 12.26736	10 48 57.33	+11 02 31.1		4 809	1994 PM	1994 08 12.27148	21 12 25.57	-12 38 57.4	14.3	816
(4620)	1994 02 12.24375	11 03 24.79	+12 46 10.7	18.1	4 809	1994 PM	1994 08 12.27610	21 12 22.45	-12 39 42.4	14.1	816
(4620)	1994 02 12.25556	11 03 24.09	+12 46 15.6		4 809	1994 PM	1994 08 12.27941	21 12 20.19	-12 40 14.9	14.1	816
(4620)	1994 02 12.26736	11 03 23.43	+12 46 21.2		4 809	1994 PM	1994 08 12.28243	21 12 18.14	-12 40 44.5	14.1	816
(5097)	1994 02 12.24375	10 45 08.51	+10 55 58.2	18.3	4 809	(1626)	1994 07 04.26597	18 52 50.66	-20 58 40.4		816
(5097)	1994 02 12.25556	10 45 07.90	+10 56 02.0		4 809	(1626)	1994 08 08.09700	18 16 59.33	-17 39 28.9		816
(5097)	1994 02 12.26736	10 45 07.29	+10 56 06.4		4 809	(1626)	1994 08 08.09855	18 16 59.25	-17 39 28.4		816
(5583)	1994 02 12.24375	11 04 07.64	+10 41 11.2	18.0	4 809	(1626)	1994 08 08.09990	18 16 59.21	-17 39 28.1		816
(5583)	1994 02 12.25556	11 04 07.05	+10 41 14.6		4 809	(6041)	1994 08 08.22732	21 05 41.61	+06 22 37.6	15.4 V	816
(5583)	1994 02 12.26736	11 04 06.51	+10 41 18.6		4 809	(6041)	1994 08 08.22999	21 05 41.54	+06 22 36.0	15.3 V	816
(5910)	1994 02 12.24375	10 54 08.35	+10 07 37.0	18.0	4 809	(6041)	1994 08 08.24906	21 05 40.97	+06 22 26.4	15.4 V	816
(5910)	1994 02 12.25556	10 54 07.68	+10 07 42.9		4 809	(6041)	1994 08 12.22916	21 04 01.15	+05 44 45.8	15.2 V	816
(5910)	1994 02 12.26736	10 54 07.00	+10 07 48.6		4 809	(6041)	1994 08 12.23231	21 04 01.04	+05 44 43.7	15.1 V	816
(5977)	1994 02 12.24375	10 56 48.47	+11 34 01.2	17.7	4 809	(6041)	1994 08 12.23607	21 04 00.94	+05 44 41.3	15.2 V	816
(5977)	1994 02 12.25556	10 56 47.90	+11 34 08.6		4 809						
(5977)	1994 02 12.26736	10 56 47.36	+11 34 16.0		4 809						

817 Sudbury

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0.28-m Schmidt-Cassegrain + CCD

GSC

0.37-m *f*/6 reflector + telecompressor + CCD

GSC

1988 BX	1994 07 30.24704	20 32 59.69	-06 05 15.8	15.6	816	1994 NO	1994 07 20.10353	19 39 31.59	+12 06 24.5	16.7 R	817
1988 BX	1994 07 30.25569	20 32 58.90	-06 05 10.5	15.5	816	1994 NO	1994 07 20.11110	19 39 31.23	+12 06 23.7	17.1 R	817
1988 BX	1994 08 07.21602	20 20 48.60	-04 50 40.3	15.9	816	1994 NO	1994 07 20.12228	19 39 30.66	+12 06 31.0	16.9 R	817
1988 BX	1994 08 07.24168	20 20 46.26	-04 50 27.2	15.8	816	1994 NO	1994 07 20.13477	19 39 30.10	+12 06 35.0	17.3 R	817
						1994 NO	1994 07 20.14943	19 39 29.34	+12 06 39.3	16.8 R	817
						1994 NO	1994 07 22.13746	19 37 54.80	+12 16 41.2	16.6 R	817

905 Nachi-Katsuura Observatory

T. Urata, Shiinoki House 203, 28-6, Chuo 3 Chome, Nakano-Ku, Tokyo 164, Japan
Observer Y. Shimizu

Measurer T. Urata

0.30-m $f/3.8$ hyperboloid astrocamera

GSC

1994 NS	1994 07 31.57870	18 03 08.87	-08 50 12.3	16.5	905
1994 NS	1994 07 31.60567	18 03 09.02	-08 50 18.8		905
1994 NJ ₁	* 1994 07 12.58692	19 52 17.27	-17 48 37.2	16.5	905
1994 NJ ₁	1994 07 12.60127	19 52 16.42	-17 48 39.8		905
1994 NJ ₁	1994 07 31.59716	19 36 41.22	-18 22 13.9	16.5	905
1994 NJ ₁	1994 07 31.62141	19 36 40.12	-18 22 16.8		905
1994 NJ ₁	1994 08 03.53623	19 34 41.69	-18 27 45.2	16.5	905
1994 NJ ₁	1994 08 03.55116	19 34 41.08	-18 27 45.6		905
1994 OB	* 1994 07 31.63171	21 30 11.72	-17 03 24.7	16	905
1994 OB	1994 07 31.64606	21 30 10.94	-17 03 30.6		905
1994 OB	1994 08 03.58948	21 28 04.00	-17 23 34.1	15.5	905
1994 OB	1994 08 03.60463	21 28 03.20	-17 23 40.9		905
1994 OC	* 1994 07 31.63171	21 32 17.39	-17 04 01.2	16	905
1994 OC	1994 07 31.64606	21 32 16.55	-17 04 01.1		905
1994 OC	1994 08 03.58948	21 29 41.18	-17 04 35.6	16	905
1994 OC	1994 08 03.60463	21 29 40.28	-17 04 36.0		905
1994 OD	* 1994 07 31.63171	21 35 09.12	-17 43 13.4	16.5	905
1994 OD	1994 07 31.64606	21 35 08.34	-17 43 16.7		905
1994 OD	1994 08 03.59332	21 32 51.5	-17 54 55	16.8	F 905
1994 PH	* 1994 08 02.62159	21 42 25.61	-20 07 45.6	17	905
1994 PH	1994 08 02.63565	21 42 24.94	-20 07 47.6		905
1994 PH	1994 08 04.61626	21 40 40.94	-20 10 40.4	17	905
1994 PH	1994 08 04.62325	21 40 40.50	-20 10 42.0		905
1994 PJ	* 1994 08 02.62159	21 43 40.73	-21 08 01.4	16.5	905
1994 PJ	1994 08 02.63565	21 43 39.83	-21 08 07.5		905
1994 PJ	1994 08 04.67095	21 41 52.91	-21 24 54.6	16.8	905
1994 PJ	1994 08 04.68495	21 41 52.11	-21 25 00.0		905
1994 PO	* 1994 08 03.56522	21 09 50.94	-18 00 41.7	17	905
1994 PO	1994 08 03.58027	21 09 49.96	-18 00 42.3		905
1994 PO	1994 08 09.55376	21 03 31.11	-17 59 12.5	16.5	905
1994 PO	1994 08 09.56076	21 03 30.73	-17 59 11.2		905

950 La Palma

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Tenerife, Canary Islands [mrk@ll.iac.es]

Observer M. R. Kidger

Measurer G. V. Williams

2.5-m Isaac Newton telescope + CCD

GSC

1993 SC	1994 08 15.05118	00 05 01.01	+01 08 03.2		950
1993 SC	1994 08 15.12317	00 05 00.74	+01 08 01.5		950
1993 SC	1994 08 15.18615	00 05 00.45	+01 08 00.1		950
1993 SC	1994 08 16.12649	00 04 56.75	+01 07 38.4		950
1993 SC	1994 08 16.17877	00 04 56.56	+01 07 37.4		950

975 Valencia

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Observers A. Lopez G., J. M. Martinez G., A. Flores

Measurers A. Lopez G., A. Ortiz G., A. Flores

0.15-m $f/15$ refractor

PPM

(1)	1991 05 17.89049	13 37 10.17	+02 19 52.4		975
(1)	1991 05 17.89512	13 37 09.87	+02 19 48.0		975
(1)	1991 05 17.89983	13 37 09.71	+02 19 50.6		975
(1)	1991 05 17.90581	13 37 09.55	+02 19 45.7		975
(1)	1991 05 17.91016	13 37 09.38	+02 19 45.0		975
(1)	1991 05 17.91424	13 37 09.21	+02 19 43.8		975
(1)	1991 05 17.91953	13 37 09.00	+02 19 43.2		975
(1)	1991 05 17.92348	13 37 08.87	+02 19 43.0		975
(1)	1991 05 17.92733	13 37 08.75	+02 19 42.4		975
(1)	1991 05 18.88036	13 36 37.82	+02 17 06.6		975
(1)	1991 05 18.88444	13 36 37.69	+02 17 06.2		975
(1)	1991 05 18.88843	13 36 37.51	+02 17 05.1		975
(1)	1991 05 18.89312	13 36 37.33	+02 17 04.9		975
(1)	1991 05 18.89710	13 36 37.25	+02 17 04.4		975
(1)	1991 05 18.90128	13 36 37.11	+02 17 04.0		975
(1)	1991 05 18.90565	13 36 36.99	+02 17 02.3		975
(1)	1991 05 18.90982	13 36 36.92	+02 17 01.6		975
(1)	1991 05 18.91392	13 36 36.74	+02 17 00.1		975
(1)	1991 05 20.86858	13 35 37.10	+02 11 08.2		975
(1)	1991 05 20.87256	13 35 36.92	+02 11 07.2		975
(1)	1991 05 20.87633	13 35 36.85	+02 11 06.6		975
(1)	1991 05 20.88097	13 35 36.64	+02 11 06.7		975
(1)	1991 05 20.88491	13 35 36.51	+02 11 05.4		975
(1)	1991 05 20.88890	13 35 36.33	+02 11 04.4		975
(1)	1991 05 20.89611	13 35 36.16	+02 11 02.5		975
(1)	1991 05 20.90054	13 35 36.06	+02 11 02.1		975
(1)	1991 05 20.90454	13 35 35.92	+02 11 01.4		975
(18)	1991 05 17.95839	17 28 41.89	-07 17 56.6		975
(18)	1991 05 17.96398	17 28 41.86	-07 17 52.8		975
(18)	1991 05 18.92694	17 27 59.78	-07 14 23.8		975
(18)	1991 05 18.93311	17 27 59.50	-07 14 22.2		975
(18)	1991 05 18.93986	17 27 59.26	-07 14 19.4		975
(18)	1991 05 18.94619	17 27 58.92	-07 14 18.2		975
(18)	1991 05 20.92072	17 26 28.94	-07 07 22.7		975
(18)	1991 05 20.92431	17 26 28.81	-07 07 20.7		975
(18)	1991 05 20.94782	17 26 27.40	-07 07 19.6		975
(18)	1991 05 20.95403	17 26 27.07	-07 07 17.8		975
(39)	1992 12 02.78983	03 07 35.54	+01 08 43.1		975
(39)	1992 12 02.79461	03 07 35.43	+01 08 41.7		975
(39)	1992 12 02.80067	03 07 35.25	+01 08 42.8		975
(39)	1992 12 02.80524	03 07 34.97	+01 08 42.3		975
(39)	1992 12 02.80995	03 07 34.80	+01 08 43.0		975
(39)	1992 12 02.81487	03 07 34.57	+01 08 43.0		975
(39)	1992 12 02.81985	03 07 34.32	+01 08 43.2		975
(39)	1992 12 09.77726	03 03 36.12	+01 13 04.1		975

(39)	1992 12 09.78242	03 03 35.98	+01 13 04.7	975	(704)	1992 02 03.78391	06 04 00.56	+22 12 43.6	975
(39)	1992 12 09.78920	03 03 35.82	+01 13 06.0	975	(704)	1992 02 03.79062	06 04 00.39	+22 12 40.9	975
(39)	1992 12 09.79361	03 03 35.75	+01 13 07.4	975	(704)	1992 02 03.79774	06 04 00.14	+22 12 41.0	975
(39)	1992 12 09.79842	03 03 35.55	+01 13 08.5	975	(704)	1992 02 03.80420	06 04 00.00	+22 12 38.9	975
(39)	1992 12 09.80301	03 03 35.31	+01 13 08.9	975	(704)	1992 02 04.79665	06 03 38.97	+22 08 28.2	975
(39)	1992 12 09.80746	03 03 35.29	+01 13 08.7	975	(704)	1992 02 04.80280	06 03 38.89	+22 08 28.8	975
(39)	1992 12 10.77672	03 03 07.23	+01 14 33.4	975	(704)	1992 02 04.81023	06 03 38.68	+22 08 26.0	975
(39)	1992 12 10.78328	03 03 07.05	+01 14 33.6	975	(704)	1992 02 04.81651	06 03 38.59	+22 08 24.9	975
(39)	1992 12 10.79123	03 03 06.83	+01 14 34.8	975	(704)	1992 02 04.82351	06 03 38.54	+22 08 22.5	975
(39)	1992 12 10.79664	03 03 06.67	+01 14 35.5	975	(704)	1992 02 04.82954	06 03 38.46	+22 08 21.1	975
(39)	1992 12 10.80217	03 03 06.53	+01 14 35.1	975	(704)	1992 02 06.77360	06 03 02.08	+22 00 20.1	975
(39)	1992 12 10.80744	03 03 06.30	+01 14 34.9	975	(704)	1992 02 06.78024	06 03 01.89	+22 00 20.0	975
(39)	1992 12 10.81250	03 03 06.19	+01 14 35.4	975	(704)	1992 02 06.78796	06 03 01.95	+22 00 17.6	975
(39)	1992 12 14.79595	03 01 25.31	+01 22 24.3	975	(704)	1992 02 06.79495	06 03 01.70	+22 00 15.6	975
(39)	1992 12 14.80130	03 01 25.16	+01 22 26.0	975	(704)	1992 02 06.80188	06 03 01.66	+22 00 14.2	975
(39)	1992 12 14.80694	03 01 24.99	+01 22 26.0	975	(704)	1992 02 06.80840	06 03 01.42	+22 00 13.5	975
(39)	1992 12 14.81231	03 01 24.90	+01 22 26.2	975	(704)	1992 02 10.78156	06 02 06.35	+21 44 23.5	975
(39)	1992 12 14.81795	03 01 24.78	+01 22 27.3	975	(704)	1992 02 10.78896	06 02 06.30	+21 44 23.2	975
(39)	1992 12 14.82370	03 01 24.69	+01 22 28.1	975	(704)	1992 02 10.79651	06 02 06.21	+21 44 20.3	975
(39)	1992 12 14.82952	03 01 24.49	+01 22 29.3	975	(704)	1992 02 10.80402	06 02 06.10	+21 44 17.8	975
(39)	1992 12 16.79310	03 00 43.51	+01 27 27.2	975	(704)	1992 02 10.81178	06 02 06.03	+21 44 15.7	975
(39)	1992 12 16.79848	03 00 43.42	+01 27 27.9	975	(704)	1992 02 10.81973	06 02 05.86	+21 44 14.7	975
(39)	1992 12 16.80432	03 00 43.32	+01 27 28.3	975	(704)	1992 02 13.79683	06 01 41.41	+21 32 53.1	975
(39)	1992 12 16.80898	03 00 43.26	+01 27 29.5	975	(704)	1992 02 13.80446	06 01 41.29	+21 32 52.5	975
(40)	1992 02 03.81883	08 07 07.35	+24 04 04.4	975	(704)	1992 02 13.81458	06 01 41.28	+21 32 49.6	975
(40)	1992 02 03.82514	08 07 06.96	+24 04 06.0	975	(704)	1992 02 13.82190	06 01 41.27	+21 32 48.3	975
(40)	1992 02 03.83252	08 07 06.55	+24 04 08.2	975					
(40)	1992 02 03.83877	08 07 06.15	+24 04 09.6	975					
(40)	1992 02 04.84922	08 06 04.71	+24 08 23.9	975					
(40)	1992 02 04.85534	08 06 04.27	+24 08 25.5	975					
(40)	1992 02 04.86407	08 06 03.77	+24 08 28.3	975					
(40)	1992 02 04.87021	08 06 03.34	+24 08 29.3	975					
(40)	1992 02 06.82203	08 04 08.33	+24 16 16.1	975					
(40)	1992 02 06.82840	08 04 07.96	+24 16 17.4	975					
(40)	1992 02 06.83870	08 04 07.35	+24 16 19.8	975					
(40)	1992 02 06.84498	08 04 07.00	+24 16 21.5	975					
(40)	1992 02 10.83548	08 00 27.44	+24 30 35.4	975					
(40)	1992 02 10.84272	08 00 27.09	+24 30 37.1	975					
(40)	1992 02 10.85146	08 00 26.66	+24 30 37.9	975					
(40)	1992 02 10.85772	08 00 26.39	+24 30 39.1	975					
(40)	1992 02 13.86450	07 57 57.31	+24 39 51.0	975					
(40)	1992 02 13.87090	07 57 57.03	+24 39 52.4	975					
(349)	1992 12 02.83399	04 35 12.66	+30 07 48.8	975					
(349)	1992 12 02.83812	04 35 12.43	+30 07 49.8	975					
(349)	1992 12 10.83294	04 27 02.40	+30 06 35.9	975					
(349)	1992 12 10.83711	04 27 02.22	+30 06 36.4	975					
(349)	1992 12 14.84191	04 23 10.76	+30 03 43.0	975					
(349)	1992 12 14.84674	04 23 10.50	+30 03 43.6	975					
(349)	1992 12 14.85270	04 23 10.08	+30 03 42.5	975					
(349)	1992 12 14.85732	04 23 09.82	+30 03 42.2	975					
(704)	1992 02 03.76863	06 04 00.87	+22 12 48.3	975					
(704)	1992 02 03.77486	06 04 00.65	+22 12 46.1	975					

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Comet McNaught-Russell (1990 XXII)

Epoch 1990 Nov. 5.0 TT = JDT 2448200.5

T 1990 Nov. 12.22583 TT

		Williams	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	+0.0000896	ω 149.23979	+0.80890648 +0.33619225
	± 0.0000112	Ω 150.11761	-0.48782672 -0.07412714
<i>e</i>	0.9993742	<i>i</i> 104.50860	+0.32816977 -0.93887163

From 34 observations 1991 Sept. 3-1994 Aug. 16, mean residual 0".94.

Periodic Comet Helin-Lawrence (1993l)

Epoch 1993 June 22.0 TT = JDT 2449160.5

Table with 6 columns: T, q, n, a, e, P. Values for 1993 June 30.36604 TT and parameters for Nakano. Includes P and Q values.

From 73 observations 1993 Apr. 22–1994 Aug. 3, mean residual 1''.09.

Comet Shoemaker-Levy (1994d)

Epoch 1994 May 8.0 TT = JDT 2449480.5

Table with 6 columns: T, q, z, e, P, Q. Values for 1994 May 27.45850 TT and parameters for Nakano.

From 78 observations 1994 Mar. 14–Aug. 5, mean residual 0''.79.

Comet Takamizawa (1994i)

Epoch 1994 June 17.0 TT = JDT 2449520.5

Table with 6 columns: T, q, z, e, P, Q. Values for 1994 June 29.63603 TT and parameters for Marsden.

From 230 observations 1994 Mar. 20–Aug. 1, mean residual 0''.66.

Comet Nakamura-Nishimura-Machholz (1994m)

Epoch 1994 July 12.93934 TT

Table with 6 columns: T, q, e, P, Q. Values for 1994 July 12.93934 TT and parameters for Marsden.

From 166 observations 1994 July 6–Aug. 24.

Periodic Comet Machholz 2 (1994o)

Epoch 1994 Sept. 18.63559 TT

Table with 6 columns: T, q, n, a, e, P. Values for 1994 Sept. 18.63559 TT and parameters for Marsden.

From 43 observations 1994 Aug. 13–24.

Periodic Comet Shoemaker 4 (1994k)

Epoch 1994 Oct. 14.64546 TT

Table with 6 columns: T, q, n, a, e, P. Values for 1994 Oct. 14.64546 TT and parameters for Nakano.

From 80 observations 1994 May 14–July 14.

Periodic Comet McNaught-Hartley (1994n)

Epoch 1994 Dec. 7.95349 TT

Table with 6 columns: T, q, n, a, e, P. Values for 1994 Dec. 7.95349 TT and parameters for Marsden.

From 28 observations 1994 July 5–Aug. 16.

One-opposition minor planets

Large table with 14 columns: Planet, H, Epoch, M, omega, Omega, i, e, a, Arc, O, N, C. Lists various minor planets from 1983 QV to 1992 DC7.

1992 DD ₇	15.0	920319	70.47	308.48	145.07	7.60	0.0405	2.4102	37	4	W	1992 DW ₉	17.0	920228	344.81	299.18	241.17	2.65	0.1723	2.4309	8	4	W
1992 DE ₇	15.0	920228	14.16	354.65	152.01	13.66	0.0774	2.6251	35	4	W	1992 DX ₉	16.5	920228	319.98	14.96	190.53	7.00	0.0828	2.3370	5	3	W
1992 DF ₇	13.0	920319	59.22	8.77	71.53	2.78	0.2502	3.0180	37	4	W	1992 DY ₉	17.0	920228	320.62	40.14	171.63	13.05	0.1642	2.7127	5	3	W
1992 DG ₇	15.0	920228	195.86	186.75	145.76	8.89	0.1625	2.9710	7	3	W	1992 DA ₁₀	14.0	920319	156.19	121.75	234.65	4.17	0.1625	3.1928	38	5	W
1992 DH ₇		920228	144.03	234.34	137.70	6.73	0.1215	2.4031	7	3	W	1992 DC ₁₀	13.0	920319	161.34	96.67	262.11	3.67	0.0724	2.3186	38	5	W
1992 DJ ₇	13.5	920228	226.08	180.50	132.01	3.85	0.2182	2.2475	7	3	W	1992 DD ₁₀	12.5	920319	207.35	101.80	216.04	4.37	0.1059	3.2485	38	5	W
1992 DK ₇	16.0	920228	35.22	324.85	148.89	4.22	0.1785	2.4604	7	3	W	1992 DE ₁₀	14.0	920319	278.45	81.01	180.25	12.64	0.1488	2.6169	38	5	W
1992 DM ₇	13.0	920228	43.95	345.22	132.38	3.08	0.0314	2.9364	7	3	W	1992 DF ₁₀	13.5	920319	113.34	178.71	214.64	4.96	0.1600	2.2739	38	4	W
1992 DN ₇	12.5	920319	186.05	215.84	126.95	3.30	0.0873	2.6480	37	4	W	1992 DG ₁₀	15.5	920319	112.41	117.84	278.56	2.71	0.1516	2.1447	38	5	W
1992 DO ₇	15.5	920228	308.28	115.82	105.99	3.50	0.0651	3.1524	7	3	W	1992 EA	13.5	920319	303.54	260.33	338.42	1.07	0.1143	2.2049	37	0	W
1992 DP ₇	17.0	920319	63.72	340.36	119.00	3.49	0.0526	2.5168	37	4	W	1992 EN	11.0	920228	140.73	16.75	352.77	8.72	0.2725	2.9455	6	6	E W
1992 DQ ₇	15.0	920228	165.30	290.05	65.70	2.88	0.1329	3.0995	7	3	W	1992 EB ₂	14.5	920319	311.22	64.73	156.40	6.05	0.0997	3.2105	32	0	W
1992 DR ₇	17.0	920228	6.92	91.50	61.70	2.48	0.1423	2.2917	7	3	W	1992 EW ₂	17.5	920228	300.42	198.71	39.28	1.92	0.1617	2.3783	11	9	W
1992 DS ₇	14.5	920228	101.09	327.18	73.69	3.44	0.2030	2.3726	7	3	W	1992 EP ₄	14.5	920228	250.51	166.39	101.60	2.60	0.0230	2.1483	34	4	W
1992 DT ₇	14.0	920228	230.42	205.99	96.39	3.31	0.1084	2.8418	7	3	W	1992 EX ₄	15.5	920228	308.52	73.45	143.93	14.24	0.0960	2.5824	34	4	W
1992 DU ₇	12.5	920228	217.95	270.32	42.32	2.45	0.0946	2.9521	7	3	W	1992 EB ₅	11.0	920228	339.55	25.78	151.57	22.61	0.0405	3.2184	34	4	W
1992 DV ₇	16.0	920228	347.91	118.82	61.18	2.77	0.1808	2.3556	7	3	W	1992 ES ₅	12.0	920319	144.87	231.17	138.24	10.87	0.1125	2.9821	33	4	W
1992 DW ₇	14.0	920228	42.50	39.17	72.18	2.63	0.1082	2.4353	7	3	W	1992 EW ₅	15.5	920319	185.09	230.23	109.39	4.57	0.1752	2.1471	33	4	W
1992 DX ₇	14.0	920228	21.03	109.32	24.49	4.32	0.1738	3.2074	7	3	W	1992 ED ₈	13.5	920228	336.26	201.51	342.23	1.47	0.0586	2.9218	57	7	W
1992 DY ₇	14.0	920319	280.91	175.49	75.55	3.09	0.0333	2.7200	37	4	W	1992 EE ₈	15.0	920319	240.39	131.28	161.84	6.43	0.1263	2.4319	35	4	W
1992 DZ ₇	15.0	920228	134.32	299.80	84.83	3.47	0.0645	2.8108	7	3	W	1992 EW ₈	14.0	920319	29.83	122.76	357.02	9.79	0.2148	2.7283	35	4	W
1992 DA ₈	16.0	920228	232.14	165.50	129.85	4.93	0.0365	2.8026	7	3	W	1992 EJ ₉	13.0	920319	108.42	1.78	37.13	5.89	0.1503	3.1500	33	4	W
1992 DB ₈	15.5	920228	283.53	111.93	138.27	6.26	0.0869	2.5291	7	3	W	1992 EM ₉	14.0	920228	79.96	81.67	336.96	8.72	0.1431	3.1250	5	3	E W
1992 DC ₈	15.0	920228	352.44	342.65	183.47	11.82	0.1010	3.1573	8	4	W	1992 EN ₉	12.0	920228	78.54	267.73	151.26	2.18	0.1531	3.1038	5	3	E W
1992 DD ₈	14.0	920228	157.31	99.86	254.77	4.89	0.1397	2.7488	8	4	W	1992 EO ₉	12.0	920228	262.05	267.86	359.00	1.29	0.1280	3.2191	5	3	E W
1992 DE ₈	16.0	920228	298.33	330.99	266.65	3.11	0.1722	2.6891	8	3	W	1992 EP ₉	13.5	920228	238.70	300.60	343.86	1.87	0.0783	2.3864	5	3	E W
1992 DF ₈	14.5	920228	135.46	178.38	200.85	7.49	0.0381	2.5683	35	7	W	1992 EQ ₉	13.0	920228	77.34	227.11	191.22	2.89	0.1843	2.2962	5	3	W
1992 DH ₈	14.5	920228	326.43	353.62	207.54	3.20	0.1321	2.4039	8	4	W	1992 ER ₉	11.0	920228	251.99	136.04	140.16	0.89	0.1189	3.1942	5	3	E W
1992 DJ ₈	15.0	920228	334.30	343.39	210.40	4.07	0.1606	2.5405	8	4	W	1992 ES ₉	12.0	920228	155.26	22.55	331.65	18.15	0.1909	2.9916	5	3	E W
1992 DK ₈	14.0	920228	171.86	126.87	217.26	5.29	0.2084	2.2440	8	4	W	1992 ET ₉	14.5	920228	310.79	72.40	153.39	3.57	0.1960	2.3526	5	3	W
1992 DL ₈	15.0	920228	277.34	86.81	170.96	10.84	0.1520	3.0456	8	4	W	1992 EU ₉	15.5	920228	319.25	65.90	155.80	7.42	0.2557	3.0747	5	3	W
1992 DM ₈	14.0	920228	339.07	12.49	171.90	16.19	0.1145	3.1317	8	4	W	1992 EV ₉	13.5	920319	238.17	163.88	132.71	1.93	0.1910	3.2881	35	4	W
1992 DN ₈	14.0	920319	8.63	339.51	172.85	9.00	0.0516	3.0981	37	5	W	1992 EX ₉	14.5	920228	83.77	233.43	180.22	4.04	0.1740	2.5784	5	3	W
1992 DO ₈	14.5	920228	82.47	249.50	178.54	11.02	0.0677	3.2200	8	4	W	1992 EY ₉	16.0	920228	246.49	318.56	319.27	2.86	0.0666	2.3326	5	3	W
1992 DQ ₈	15.0	920228	117.58	194.94	182.17	8.92	0.2783	2.8105	8	4	W	1992 EB ₁₀	15.0	920228	288.82	117.29	135.97	2.89	0.2178	2.4140	5	3	W
1992 DR ₈	14.5	920228	81.08	158.42	256.06	4.27	0.2060	2.6019	8	4	W	1992 EC ₁₀	13.0	920228	140.22	216.81	152.40	12.40	0.1132	3.0544	5	3	W
1992 DS ₈	17.0	920228	340.37	295.96	249.77	2.50	0.1580	2.5716	8	3	W	1992 ED ₁₀	14.0	920228	19.40	326.64	164.81	9.10	0.1513	2.8142	5	3	W
1992 DT ₈	13.5	920319	300.52	267.72	329.79	13.75	0.1381	2.7958	38	5	W	1992 EE ₁₀	17.0	920228	128.71	213.39	162.74	5.52	0.1658	2.2400	5	3	W
1992 DV ₈	14.0	920319	236.96	107.61	191.70	5.98	0.1419	2.2115	38	5	W	1992 EF ₁₀	14.0	920228	134.01	198.46	172.86	4.21	0.1802	2.6324	5	3	W
1992 DX ₈	14.0	920228	54.49	24.57	73.96	3.24	0.1015	2.4432	7	3	W	1992 EG ₁₀	15.5	920228	7.12	166.86	340.91	8.19	0.1598	2.7047	12	6	W
1992 DY ₈	14.0	920319	321.94	146.44	67.94	2.99	0.0926	2.4392	37	4	W	1992 EH ₁₀	13.0	920228	144.60	193.86	171.09	0.96	0.1423	2.9846	11	6	E W
1992 DZ ₈	13.5	920228	94.00	332.76	85.63	3.32	0.1041	2.8757	7	3	W	1992 EJ ₁₀	16.0	920228	282.90	335.88	266.17	0.24	0.0593	2.2031	5	3	E W
1992 DD ₉	17.0	920228	276.72	56.95	188.14	6.15	0.0472	2.4865	5	3	W	1992 EK ₁₀	15.0	920228	59.44	264.61	163.26	13.67	0.2730	3.1330	5	3	E W
1992 DE ₉	13.0	920228	16.47	177.71	318.84	8.57	0.0923	2.9850	5	3	W	1992 EL ₁₀	16.5	920228	262.32	108.52	169.45	2.92	0.2055	2.4851	5	3	W
1992 DF ₉	15.0	920319	26.74	194.59	292.51	5.38	0.1768	2.3748	38	4	W	1992 EM ₁₀	14.0	920228	357.11	201.51	321.04	1.37	0.1903	3.0677	7	6	E W
1992 DG ₉	17.0	920228	45.57	253.73	196.48	3.47	0.2149	2.2870	5	3	W	1992 EN ₁₀	14.0	920228	283.36	106.31	151.87	8.63	0.2054	2.2947	12	6	W
1992 DK ₉	13.5	920228	275.85	68.64	199.69	4.97	0.2446	2.9718	5	3	W	1992 EO ₁₀	17.5	920228	31.89	338.13	135.70	2.97	0.1653	2.6338	5	3	W
1992 DL ₉	15.5	920228	348.12	349.33	181.52	8.46	0.0818	3.0458	5	3	W	1992 EP ₁₀	14.0	920319	327.37	38.68	163.15	14.76	0.0493	2.5358	35	5	W
1992 DM ₉	15.5	920228	175.28	156.11	185.59	9.85	0.0605	2.5954	5	3	W	1992 EQ ₁₀	14.0	920228	197.88	166.78	157.73	6.58	0.1149	3.0980	3	5	E W
1992 DN ₉	15.5	920228	317.89	20.75	192.76	4.77	0.1543	2.3005	8	4	W	1992 ER ₁₀	17.0	920228	355.79	10.22	154.18	3.68	0.1016	2.3754	13	6	W
1992 DO ₉	16.0	920228	257.16	48.64	229.65	3.10	0.1688	2.2165	5	3	W	1992 ES ₁₀	15.0	920228	327.88	54.07	147.27	2.15	0.1414	3.041			

1992 EA ₁₁	16.5	920319	72.74	279.11	161.68	4.38	0.1093	2.2783	31	7	W	1992 ES ₁₃	14.0	920228	73.24	216.57	211.63	2.04	0.1698	2.3915	7	3	W
1992 EF ₁₁	15.5	920228	127.01	264.51	113.10	2.68	0.1949	2.3125	3	3	W	1992 EU ₁₃	13.5	920319	108.07	75.89	317.17	6.10	0.2589	2.3031	36	7	W
1992 EG ₁₁	14.0	920319	279.47	104.25	159.09	13.09	0.1561	2.7223	31	4	W	1992 EV ₁₃	12.5	920319	335.25	325.03	227.93	0.96	0.0604	2.9891	36	4	W
1992 EH ₁₁	13.0	920319	19.38	345.83	154.96	2.01	0.1136	3.1165	31	7	W	1992 EW ₁₃	14.0	920228	73.49	159.63	283.30	2.85	0.0477	2.7814	7	3	W
1992 EJ ₁₁	15.0	920228	38.47	307.47	158.27	13.62	0.1881	2.5379	5	6	W	1992 EY ₁₃	15.5	920228	239.45	322.52	333.06	16.70	0.1373	2.6103	7	3	W
1992 EK ₁₁	17.0	920319	28.34	328.37	161.70	5.14	0.1403	2.4001	31	4	W	1992 EZ ₁₃	15.0	920319	19.16	318.44	183.43	8.67	0.0976	4.0009	36	4	W
1992 EL ₁₁	13.5	920228	86.70	296.52	134.37	1.58	0.0270	3.2275	3	6	E W	1992 EA ₁₄	16.0	920228	76.31	128.62	307.16	3.13	0.0837	2.1691	7	3	W
1992 EM ₁₁	16.0	920228	87.07	331.24	93.21	2.41	0.0752	2.7930	3	3	E W	1992 EB ₁₄	14.0	920319	5.78	284.29	236.09	0.60	0.1230	2.3972	36	4	W
1992 EN ₁₁	14.0	920228	238.03	137.18	154.46	1.06	0.0940	3.2169	3	3	E W	1992 EC ₁₄	14.5	920228	298.99	330.58	271.40	2.81	0.1697	2.6948	7	3	W
1992 EO ₁₁	17.5	920228	33.50	318.68	155.39	2.64	0.1717	2.3255	5	5	W	1992 ED ₁₄	12.5	920319	182.93	168.34	175.15	8.07	0.1997	2.5573	36	4	W
1992 EP ₁₁	15.0	920228	358.04	24.36	139.24	2.26	0.1002	2.8598	9	9	W	1992 EE ₁₄	14.5	920228	331.16	353.31	200.89	3.46	0.0533	2.7686	7	3	W
1992 EQ ₁₁	13.0	920319	157.14	322.69	39.86	1.98	0.1244	2.9444	37	5	W	1992 EF ₁₄	16.5	920228	61.11	267.21	180.48	4.18	0.1203	2.2752	7	3	W
1992 ER ₁₁	13.0	920319	305.10	90.38	148.29	4.96	0.1603	2.4691	37	8	W	1992 EG ₁₄	14.0	920319	48.02	151.27	320.16	3.82	0.0948	2.3370	36	4	W
1992 ET ₁₁	15.5	920228	4.07	160.72	352.26	6.33	0.1436	2.5507	3	3	W	1992 EH ₁₄	16.0	920228	348.86	264.79	272.29	1.19	0.1603	2.3323	7	3	W
1992 EU ₁₁	15.0	920228	301.30	261.00	337.35	5.83	0.1790	2.3751	3	3	E W	1992 EJ ₁₄	15.5	920228	218.76	6.67	301.85	3.07	0.0701	2.5273	7	3	W
1992 EV ₁₁	14.0	920228	136.51	278.03	103.59	3.04	0.0173	2.9223	3	3	E W	1992 EK ₁₄	12.5	920228	147.09	24.46	336.81	3.88	0.2988	2.5537	8	4	E W
1992 EW ₁₁	16.0	920228	287.01	190.82	48.97	2.42	0.0620	2.5485	3	3	W	1992 EL ₁₄	12.5	920228	284.35	87.27	166.67	8.81	0.1339	3.0794	8	4	E W
1992 EX ₁₁	17.0	920228	339.50	15.47	173.66	1.21	0.1616	2.3685	7	4	W	1992 EM ₁₄	14.5	920228	288.25	65.82	179.08	2.35	0.0950	2.3120	5	3	E W
1992 EY ₁₁	13.0	920319	11.17	79.03	70.74	2.53	0.1287	3.2027	31	4	W	1992 EN ₁₄	14.5	920228	83.84	258.53	163.04	2.56	0.1538	3.2212	5	3	E W
1992 EZ ₁₁	13.0	920319	233.15	169.43	132.31	5.23	0.1330	2.7457	31	4	W	1992 EQ ₁₄	11.0	920319	43.02	260.89	220.65	2.74	0.0463	2.7970	37	4	W
1992 EB ₁₂	14.0	920228	223.76	148.62	164.34	7.24	0.2310	2.5000	7	4	E W	1992 ER ₁₄	16.5	920228	240.85	123.06	170.85	2.57	0.1293	2.2425	8	4	E W
1992 EC ₁₂	12.0	920319	183.50	179.02	162.86	12.78	0.0634	3.1866	35	5	W	1992 ES ₁₄	14.5	920228	11.81	214.99	289.44	0.61	0.2078	2.7690	5	3	W
1992 ED ₁₂	14.5	920228	328.75	145.25	61.68	2.40	0.2020	2.9910	3	3	W	1992 ET ₁₄	13.0	920319	93.09	201.85	223.57	2.76	0.0869	2.7610	37	4	W
1992 EE ₁₂	15.0	920228	211.79	169.48	152.70	18.02	0.2706	2.5982	9	4	W	1992 EU ₁₄	12.5	920228	292.06	301.43	298.95	3.56	0.0719	3.1927	5	3	E W
1992 EF ₁₂	15.0	920319	333.49	230.00	343.73	8.05	0.2655	2.6672	32	4	W	1992 EV ₁₄	13.0	920228	313.64	63.36	165.48	26.95	0.1952	3.2030	5	3	E W
1992 EH ₁₂	17.0	920228	31.66	3.16	114.45	0.94	0.1661	2.5158	11	7	W	1992 EW ₁₄	13.0	920319	140.76	199.55	175.96	7.10	0.1830	2.7058	37	4	W
1992 EJ ₁₂	15.0	920228	42.47	58.93	44.92	2.88	0.1598	2.4307	9	4	W	1992 EX ₁₄	12.5	920228	145.30	181.46	185.81	0.50	0.2187	3.2146	5	3	E W
1992 EK ₁₂	17.0	920228	71.80	282.87	156.92	9.54	0.0895	2.4982	9	7	W	1992 EY ₁₄	14.0	920228	137.76	207.75	172.32	6.74	0.0908	3.1986	5	3	E W
1992 EM ₁₂	12.5	920319	44.13	330.64	145.84	0.98	0.0646	3.0798	31	4	W	1992 EZ ₁₄	14.0	920228	66.91	270.99	164.32	12.57	0.1868	2.6772	5	3	E W
1992 EN ₁₂	15.0	920319	43.33	17.77	98.38	3.11	0.0797	2.5610	37	5	W	1992 EA ₁₅	13.5	920319	84.47	253.11	172.24	13.80	0.1681	2.3689	37	4	W
1992 EO ₁₂	15.0	920228	138.31	244.13	123.87	5.30	0.2434	2.7402	9	4	W	1992 EB ₁₅	14.0	920228	29.61	300.81	181.77	3.29	0.1647	2.6613	5	3	W
1992 EP ₁₂	16.0	920228	32.29	130.31	340.03	22.53	0.2601	3.0304	5	3	W	1992 EC ₁₅	14.0	920228	37.77	295.28	164.92	23.06	0.2681	2.3584	5	3	E W
1992 EQ ₁₂	920228	61.75	182.58	274.67	2.09	0.0488	2.7329	5	3	W	1992 ED ₁₅	18.5	920228	9.20	330.03	177.62	4.35	0.2304	2.3987	5	3	W	
1992 ER ₁₂	13.5	920319	319.53	21.50	198.17	2.38	0.1144	2.3874	37	4	W	1992 EE ₁₅	15.0	920228	335.25	13.98	178.21	9.29	0.0585	3.0456	5	3	W
1992 ES ₁₂	15.5	920228	27.79	215.47	265.42	1.24	0.2127	2.4911	5	3	W	1992 EF ₁₅	16.5	920228	46.00	314.82	161.03	5.11	0.0150	2.3549	5	3	W
1992 ET ₁₂	14.0	920228	16.53	290.50	211.90	1.71	0.1149	2.1756	5	3	E W	1992 EG ₁₅	14.5	920228	275.92	78.68	169.98	2.73	0.0084	2.5768	5	3	E W
1992 EU ₁₂	16.0	920228	345.96	233.40	306.07	2.08	0.0263	2.6494	5	3	W	1992 EH ₁₅	11.5	920228	66.59	272.06	172.36	7.63	0.1206	3.2022	5	3	E W
1992 EV ₁₂	17.0	920228	3.69	214.29	304.54	1.43	0.1233	2.2194	5	3	W	1992 EJ ₁₅	15.5	920228	18.11	316.00	174.54	3.61	0.2705	2.4055	5	3	W
1992 EW ₁₂	14.0	920228	26.40	284.80	205.43	1.37	0.1301	2.6381	5	3	W	1992 EK ₁₅	17.0	920228	29.45	295.73	185.42	1.96	0.1822	2.4948	5	3	W
1992 EX ₁₂	16.0	920228	13.96	271.41	231.62	0.64	0.1793	2.2491	5	3	W	1992 EL ₁₅	14.0	920228	296.66	339.67	256.51	1.13	0.0853	2.3469	5	3	W
1992 EY ₁₂	14.5	920228	21.47	315.40	176.41	3.60	0.1866	2.1690	5	3	E W	1992 EM ₁₅	16.0	920319	25.11	286.65	206.78	1.07	0.1894	2.5632	37	4	W
1992 EZ ₁₂	16.5	920228	23.44	288.97	200.86	0.97	0.1879	2.5695	5	3	W	1992 EN ₁₅	15.0	920228	359.74	194.46	328.99	1.67	0.1357	2.3517	5	3	W
1992 EA ₁₃	14.0	920228	18.30	218.94	274.07	0.70	0.2555	2.8964	5	3	W	1992 EO ₁₅	17.0	920228	13.51	313.71	191.39	3.34	0.1469	2.2719	5	3	W
1992 EB ₁₃	13.5	920319	230.18	358.20	306.32	4.03	0.1229	2.3911	36	4	W	1992 EP ₁₅	13.0	920228	6.11	338.93	175.59	8.28	0.1862	2.5362	5	3	W
1992 ED ₁₃	14.5	920319	183.68	144.98	197.28	6.29	0.1367	2.3995	36	4	W	1992 EQ ₁₅	13.0	920228	17.42	303.57	189.67	1.49	0.2639	2.9956	5	3	W
1992 EE ₁₃	12.5	920319	28.41	303.48	183.54	8.02	0.1514	3.2091	36	4	W	1992 ER ₁₅	16.0	920228	271.88	92.92	165.68	6.93	0.0598	2.3410	5	3	E W
1992 EF ₁₃	14.0	920228	326.61	15.23	193.26	2.65	0.1906	2.6582	7	3	W	1992 ES ₁₅	17.0	920228	47.84	241.03	217.94	0.99	0.1721	2.3853	5	3	W
1992 EG ₁₃	13.5	920228	127.50	62.91	309.99	4.28	0.2809	3.1569	7	3	W	1992 ET ₁₅	15.5	920228	286.05	350.17	267.69	1.89	0.1720	2.2411	5	3	W
1992 EH ₁₃	13.0	920228	132.72	213.12	173.18	8.77	0.0189	3.2167	7	3	E W	1992 EU ₁₅	16.5	920228	273.35	92.69	166.90	14.62	0.0765	2.5790	5	3	E W
1992 EJ ₁₃	14.0	920319	22.94	319.85	179.42	5.82	0.0915	2.3972	36	4	W	1992 EV ₁₅	13.5	920228	71.53	272.08	164.65	3.10	0.1367	2.4361	5	3	E W
1992 EK ₁₃	920228	5.14	310.89	203.30	3.96	0.1250	2.3778	7	3	W	1992 EW ₁₅	13.5	920228	17.72	278.19								

1992 EF ₁₆	16.0	920228	154.35	202.46	162.78	9.13	0.1027	2.3311	5	3	W	1992 EZ ₁₉	14.5	920228	205.68	160.97	153.57	33.73	0.0717	2.5071	5	3	W
1992 EG ₁₆	12.5	920319	34.61	299.80	178.63	1.67	0.2029	3.0490	37	4	W	1992 EG ₂₀	14.5	920228	262.95	154.56	109.30	6.80	0.0985	3.1487	7	5	W
1992 EH ₁₆	15.0	920228	16.24	267.73	225.47	0.61	0.2923	2.7573	5	3	W	1992 EL ₂₀	16.0	920228	44.96	357.75	107.43	5.53	0.0725	2.5726	7	5	W
1992 EJ ₁₆	17.5	920228	61.50	273.72	163.71	2.28	0.2227	2.4383	5	3	E W	1992 EN ₂₀	16.5	920228	342.76	41.62	138.54	10.95	0.1449	2.6908	6	5	W
1992 EK ₁₆	14.0	920228	270.97	94.58	165.80	7.82	0.0631	2.3446	5	3	E W	1992 EO ₂₀	15.0	920228	27.67	26.20	100.35	4.60	0.0517	2.8568	8	6	W
1992 EL ₁₆	17.5	920228	50.66	263.89	191.25	2.45	0.1786	2.2008	5	3	W	1992 EP ₂₀	14.5	920228	299.71	163.28	63.56	4.52	0.0923	2.7757	4	3	W
1992 EM ₁₆	12.0	920228	272.51	264.63	350.16	8.05	0.0308	2.3834	5	3	E W	1992 ED ₂₁	16.5	920228	52.10	334.11	121.30	6.12	0.1197	2.2513	5	3	W
1992 EN ₁₆	13.0	920228	176.21	342.65	4.75	2.44	0.2325	2.8174	5	3	E W	1992 EL ₂₁	17.5	920228	317.12	153.65	62.41	2.94	0.1812	2.4411	8	5	W
1992 EO ₁₆	16.5	920228	278.40	266.78	351.43	2.13	0.1047	2.6635	5	3	E W	1992 FN ₃	15.0	920319	79.22	265.34	182.53	7.86	0.1317	2.3858	4	4	E W
1992 EP ₁₆	15.0	920228	75.38	268.67	168.44	2.43	0.1104	2.9512	5	3	E W	1992 FO ₃	15.0	920319	128.50	217.25	185.06	1.56	0.1577	2.1870	4	4	E W
1992 EQ ₁₆	11.5	920228	283.80	114.60	142.87	2.01	0.1431	3.1196	5	3	E W	1992 FP ₃	12.5	920319	236.26	268.12	49.80	2.04	0.1319	2.3990	4	4	E W
1992 ER ₁₆	13.5	920228	118.88	238.81	145.32	1.76	0.2559	2.4016	5	3	W	1992 FQ ₃	15.5	920319	316.34	205.31	46.26	1.62	0.2581	2.4144	4	4	W
1992 ES ₁₆	16.0	920228	65.62	276.33	161.78	2.45	0.1791	2.2321	5	3	E W	1992 FS ₃	16.0	920319	336.81	176.07	35.53	2.37	0.1165	2.3376	4	4	W
1992 ET ₁₆	15.5	920228	14.08	163.24	340.16	11.45	0.1824	2.3433	5	3	W	1992 SY ₂₄	13.5	920826	355.11	10.96	350.85	10.30	0.1113	2.9971	61	7	W
1992 EU ₁₆	13.0	920228	86.57	33.64	29.74	0.73	0.1326	3.0866	5	3	E W	1994 CH ₉	13.0	940128	283.80	181.68	58.53	1.96	0.1127	3.1962	5	9	E W
1992 EV ₁₆	11.5	920228	16.96	170.62	335.30	2.97	0.0685	3.1114	5	3	E W	1994 CJ ₉	15.0	940128	34.54	333.93	132.38	7.34	0.0731	2.1831	5	9	W
1992 EW ₁₆	13.0	920319	237.23	335.79	327.51	4.12	0.1226	2.5835	37	4	W	1994 CK ₉	13.5	940128	271.12	257.68	11.81	4.38	0.2771	2.6993	5	9	E W
1992 EX ₁₆	16.0	920228	270.65	81.92	175.71	5.22	0.0315	2.2872	5	3	E W	1994 CL ₉	15.0	940128	0.46	114.64	31.29	2.38	0.0455	2.2151	8	0	W
1992 EY ₁₆	14.0	920228	180.99	351.56	353.15	3.65	0.1256	3.0111	5	3	E W	1994 CM ₉	13.5	940128	53.98	294.12	142.79	7.68	0.1872	3.0242	5	9	E W
1992 EZ ₁₆	14.0	920228	278.46	91.62	168.77	10.98	0.1164	2.8440	5	3	E W	1994 CN ₉	14.5	940128	53.91	76.76	359.88	3.56	0.1656	2.4457	5	9	E W
1992 EA ₁₇	11.0	920228	274.67	242.78	23.25	0.92	0.1331	3.1051	5	3	E W	1994 CO ₉	14.5	940128	258.65	128.61	130.28	8.12	0.0832	2.3561	5	9	E W
1992 EB ₁₇	17.5	920228	64.88	273.20	172.22	2.44	0.1306	2.3377	5	3	E W	1994 CP ₉	13.5	940128	151.37	340.67	12.57	4.23	0.1306	2.6532	8	0	E W
1992 EC ₁₇	17.5	920228	279.22	106.73	152.94	3.00	0.1280	2.1699	5	3	E W	1994 CQ ₉	12.5	940128	100.48	258.87	139.02	12.58	0.1272	3.1869	5	9	E W
1992 ED ₁₇	13.5	920228	216.26	264.49	57.13	0.68	0.2357	2.2035	5	3	E W	1994 CR ₉	14.5	940128	317.36	222.15	337.35	14.56	0.0933	2.6262	5	9	W
1992 EE ₁₇	13.5	920319	340.25	48.62	147.28	2.76	0.1223	2.4411	36	4	W	1994 CS ₉	13.0	940217	304.90	126.24	101.62	2.92	0.1681	3.1937	26	0	W
1992 EF ₁₇	11.5	920228	274.09	119.76	139.29	1.88	0.0674	3.0182	5	3	E W	1994 CT ₉	14.0	940128	357.80	3.04	150.45	16.08	0.1573	3.1265	5	9	W
1992 EG ₁₇	15.5	920228	294.98	157.20	82.75	2.88	0.1585	2.4875	4	3	W	1994 CV ₉	14.5	940128	257.68	119.83	141.91	6.47	0.0943	2.3192	9	0	W
1992 EH ₁₇	13.0	920228	130.17	228.70	142.30	18.08	0.2179	2.4012	4	3	E W	1994 CX ₉	15.0	940128	53.16	318.77	116.69	3.85	0.1815	2.3840	8	0	W
1992 EJ ₁₇	17.0	920228	17.53	4.96	131.41	6.72	0.0920	2.3472	4	3	W	1994 CZ ₉	14.5	940128	310.34	161.12	60.02	3.06	0.2318	2.5510	5	9	E W
1992 EK ₁₇	14.5	920228	231.59	193.19	103.18	5.48	0.1372	2.1710	4	3	E W	1994 CA ₁₀	13.5	940128	275.27	127.34	140.98	12.80	0.2894	2.7492	5	9	E W
1992 EL ₁₇	15.5	920228	113.49	273.54	112.49	5.12	0.1869	2.3150	4	3	W	1994 CF ₁₀	14.5	940128	81.60	335.23	71.29	2.84	0.1784	2.3240	5	9	W
1992 EM ₁₇	13.5	920319	319.88	86.46	128.19	4.99	0.1241	2.3284	33	4	W	1994 CG ₁₀	13.5	940128	108.84	324.50	64.65	3.35	0.1314	2.8404	5	9	W
1992 EN ₁₇	15.0	920228	47.71	24.01	66.04	2.95	0.1973	2.3743	4	3	W	1994 CH ₁₀	12.5	940128	150.62	335.41	21.26	5.45	0.0957	3.1108	5	9	E W
1992 EQ ₁₇	14.5	920228	200.42	147.09	181.46	2.58	0.1979	2.2463	8	4	W	1994 CK ₁₀	14.5	940128	233.66	187.40	95.45	4.01	0.0914	2.2475	5	9	W
1992 ER ₁₇	13.5	920319	79.26	100.18	325.70	1.79	0.1960	2.3772	37	5	W	1994 CL ₁₀	13.5	940128	254.70	156.47	127.28	8.45	0.2857	2.4241	5	9	W
1992 ET ₁₇	11.5	920228	180.05	190.81	152.70	3.33	0.1585	2.7924	6	3	W	1994 CM ₁₀	15.5	940128	344.15	45.06	121.54	4.97	0.1413	2.2285	5	9	W
1992 EU ₁₇	17.0	920228	32.03	317.64	160.72	13.39	0.1786	2.8734	6	3	W	1994 CN ₁₀	14.5	940128	272.77	243.03	14.20	3.69	0.1901	2.2727	8	0	W
1992 EV ₁₇	13.5	920319	256.43	145.77	134.96	6.00	0.1333	2.7661	30	4	W	1994 CO ₁₀	14.5	940128	239.87	158.15	113.77	4.50	0.0390	2.1933	5	9	W
1992 EW ₁₇	14.0	920319	281.18	74.77	179.53	13.91	0.1206	2.5841	35	4	W	1994 CP ₁₀	12.5	940128	220.72	309.84	354.97	5.29	0.1847	3.1287	9	0	E W
1992 EZ ₁₇	16.5	920228	0.56	330.03	187.21	7.36	0.0410	2.2571	8	4	W	1994 CQ ₁₀	15.0	940128	348.86	29.43	136.20	11.82	0.2349	2.8044	5	9	W
1992 EA ₁₈	14.5	920228	89.11	215.72	181.77	8.95	0.2798	2.8637	5	3	W	1994 CT ₁₀	14.5	940128	290.33	198.99	45.66	2.90	0.2327	2.3537	5	9	W
1992 EB ₁₈	14.0	920228	355.76	198.31	324.54	10.78	0.1000	3.1178	5	3	W	1994 CU ₁₀	14.5	940128	45.07	327.73	126.05	5.81	0.1004	2.3150	5	9	W
1992 EC ₁₈	16.0	920319	127.93	167.83	220.09	3.27	0.0857	2.3093	35	4	W	1994 CX ₁₀	13.0	940128	294.21	140.71	103.30	2.45	0.2262	3.1822	5	9	E W
1992 ED ₁₈	13.0	920228	290.61	51.98	181.55	12.63	0.0484	2.7231	5	3	W	1994 CY ₁₀	14.5	940128	63.32	302.21	124.37	5.51	0.1745	2.5009	5	9	W
1992 EE ₁₈	13.5	920228	163.15	163.12	187.44	9.92	0.1939	3.1457	5	3	W	1994 CZ ₁₀	15.0	940128	340.69	185.26	347.69	8.33	0.1307	2.5079	5	9	W
1992 EF ₁₈	14.0	920228	29.97	306.17	177.27	7.32	0.0839	2.5949	5	3	W	1994 CA ₁₁	15.0	940128	346.31	82.22	89.75	3.51	0.2714	2.9619	5	9	W
1992 EG ₁₈	16.5	920228	356.30	243.13	280.63	2.70	0.1246	2.6216	5	3	W	1994 CB ₁₁	13.0	940128	270.18	269.08	347.52	10.20	0.1258	3.0674	5	9	E W
1992 EH ₁₈	13.0	920228	61.87	253.27	192.20	8.45	0.1124	2.8778	70	0	W	1994 CD ₁₁	14.0	940128	151.19	252.81	99.14	4.56	0.1533	2.2751	5	9	W
1992 EJ ₁₈	16.5	920228	280.67	52.12	210.95	2.95	0.2152	2.2693	5	3	W	1994 CE ₁₁	14.5	940128	32.39	45.34	44.65	2.40	0.2976	2.7336	5	9	W
1992 EK ₁₈	16.5	920228	291.03	72.65	177.94	9.40	0.1958	2.3292	5	3	W	1994 CG ₁₁	14.5	940128	26.95	115.95	346.88	7.57	0.2615	2.8341	5	9	W
1992 EL ₁₈	15.5	920228	101.40	113.55	300.98	3.02	0.0288	2.3642	5	3	W	1994 CH ₁₁	12.5	940128	160.14	212.01	134.07</						

1994 CS ₁₁	12.5	940128	205.16	330.00	345.42	15.03	0.1701	2.9053	5	9	E	W
1994 CT ₁₁	13.5	940217	133.52	284.32	91.69	3.08	0.0849	2.6746	26	0		W
1994 CU ₁₁	15.0	940128	320.35	96.13	100.00	2.22	0.0952	2.3663	5	9	W	W
1994 CV ₁₁	13.5	940128	49.27	341.29	102.45	3.83	0.1893	3.1456	5	9	E	W
1994 CW ₁₁	13.5	940128	42.22	36.45	50.75	3.40	0.2321	3.2137	5	9	W	W
1994 CZ ₁₁	13.5	940128	127.23	283.64	83.27	3.39	0.2338	2.3424	5	9	E	W
1994 CB ₁₂	14.0	940128	112.48	340.59	43.51	4.17	0.1432	2.3933	5	9	W	W
1994 CE ₁₂	15.5	940128	355.68	134.51	17.41	4.33	0.1815	2.3242	5	9	E	W
1994 CG ₁₂	14.0	940128	251.55	214.76	58.68	3.27	0.1383	2.4100	5	9	W	W
1994 CH ₁₂	13.0	940128	218.70	158.18	149.63	12.33	0.2071	2.6101	5	9	W	W
1994 CJ ₁₂	15.0	940128	46.07	58.35	15.71	3.96	0.2708	2.4106	5	9	W	W
1994 CK ₁₂	13.5	940128	263.62	220.89	32.68	2.46	0.0374	2.8361	5	9	W	W
1994 CL ₁₂	15.0	940128	33.76	338.63	128.16	8.34	0.1108	2.3406	5	9	W	W
1994 CM ₁₂	15.5	940128	322.78	142.19	66.46	1.34	0.2642	2.4051	5	9	W	W
1994 CN ₁₂	13.0	940128	280.41	122.58	125.22	5.71	0.1316	2.9341	5	9	W	W
1994 CP ₁₂	14.5	940128	289.54	240.83	3.14	3.34	0.2063	2.3258	5	9	E	W
1994 CS ₁₂	14.0	940128	355.29	19.75	137.29	6.50	0.0271	2.6362	8	0	W	W
1994 CT ₁₂	13.5	940128	73.06	292.08	127.04	7.93	0.1695	2.6186	5	9	W	W
1994 CV ₁₂	15.0	940128	38.38	74.71	26.69	4.70	0.1081	2.3339	5	9	W	W
1994 CX ₁₂	14.0	940128	307.33	168.87	39.87	4.12	0.0650	2.3993	5	9	W	W
1994 LL	13.0	940617	82.14	20.07	148.95	27.18	0.0618	2.7005	37	0	W	W
1994 LS	14.5	940508	26.81	73.94	123.50	23.93	0.2113	2.3624	35	8	W	W
1994 LT	15.0	940617	269.29	261.32	85.40	23.38	0.0963	1.9324	43	9	W	W
1994 LZ	13.5	940617	318.47	222.83	93.70	27.59	0.1675	2.3267	23	9	W	W
1994 LA ₁	13.5	940617	3.62	108.80	141.14	26.00	0.2576	3.1470	37	0	W	W
1994 LD ₁	15.0	940617	349.19	306.19	8.38	16.01	0.3974	3.0133	40	0	W	W
1994 LF ₁	14.5	940617	345.03	54.08	232.00	34.03	0.2487	2.7296	53	0	W	W
1994 LK ₁	12.0	940617	322.31	180.82	129.16	15.89	0.1271	2.5664	28	8	W	W
1994 NA	15.5	940707	17.31	155.32	113.44	7.25	0.1063	2.4488	13	0	W	W
1994 NB	13.5	940707	21.20	94.83	127.11	23.79	0.2754	2.3671	70	0	W	W
1994 NK	19.5	940707	11.27	128.52	120.19	5.67	0.5392	2.3536	18	0	W	W
1994 NO	13.5	940727	349.41	86.80	237.68	20.67	0.3319	3.1639	27	0	B	W
1994 ND ₁	13.0	940617	344.84	68.49	227.15	9.60	0.1782	3.1898	27	5	W	W
1994 NJ ₁	14.2	940727	354.19	84.53	224.00	1.49	0.2182	2.3612	22	6	N	W
1994 PA	13.5	940727	201.17	231.34	249.47	6.14	0.0320	2.1824	12	0	W	W
1994 PB	11.5	940727	264.16	208.27	232.80	7.29	0.1908	3.0757	8	0	W	W
1994 PD	13.5	940727	24.88	129.33	132.83	24.65	0.3149	2.3980	6	0	W	W
1994 PE	13.0	940727	19.41	5.24	297.82	9.95	0.0974	3.1058	9	0	W	W
1994 PF	15.5	940727	47.03	12.71	246.89	4.15	0.1590	2.2382	9	0	W	W
1994 PG	13.0	940727	153.01	14.25	157.74	12.37	0.0911	2.3902	9	0	W	W
1994 PL	13.0	940727	8.82	98.70	221.81	22.72	0.2571	2.2836	2	6	E	W
1994 PN	15.5	940816	341.48	233.96	113.26	46.03	0.5393	2.3708	20	0	M	M
1994 PP	12.5	940727	330.30	55.61	315.36	28.43	0.2149	2.3378	4	8	W	W
1994 PA ₁	11.0	940727	219.84	301.81	172.72	14.02	0.1126	2.9136	6	0	W	W
1994 PF ₁	14.5	940727	358.48	146.82	119.49	24.84	0.0792	1.9945	10	6	W	W
1994 PH ₁	14.0	940816	13.34	164.65	134.73	11.26	0.2933	2.6338	3	5	W	W
1994 PJ ₁	14.5	940816	33.03	142.77	142.29	14.36	0.1113	2.5495	3	5	W	W
1994 PK ₁	14.5	940816	18.07	199.29	80.37	19.92	0.2941	2.6413	2	6	W	W
1994 PM ₁	14.5	940727	35.37	95.52	124.11	24.73	0.0607	1.9675	8	8	W	W
1994 PN ₁	13.0	940727	313.61	296.36	109.44	24.75	0.1721	2.8179	8	0	W	W
1994 PO ₁	13.0	940727	9.76	238.35	62.28	27.26	0.1931	3.1539	5	9	W	W
1994 PP ₁	15.0	940727	49.88	200.02	59.22	23.37	0.0400	1.9411	5	8	W	W
1994 PQ ₁	15.0	940727	346.79	268.68	80.17	27.34	0.3421	2.6476	5	0	W	W

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5				Williams					
(2005) Hencke				Obs.	41	<i>M</i>	300.51838	ω	110.68976
<i>H</i>	12.2	<i>G</i>	0.15	Opp.	8	<i>n</i>	0.23223037	Ω	291.49079
rms res. 0''95 (M-C)				1973-1994		<i>e</i>	0.1667195	<i>i</i>	12.20830

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5				Williams					
(2577) Litva				Obs.	27	<i>M</i>	206.43725	ω	283.82072
<i>H</i>	13.18	<i>G</i>	0.15	Opp.	9	<i>n</i>	0.37507655	Ω	182.74289
rms res. 0''84 (M-C)				1934-1994		<i>e</i>	0.1380925	<i>i</i>	22.90256

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5				Williams					
(2608) Seneca				Obs.	36	<i>M</i>	68.06867	ω	33.89668
<i>H</i>	17.52	<i>G</i>	0.15	Opp.	3	<i>n</i>	0.25078506	Ω	169.61574
rms res. 0''84 (M-N)				1978-1994		<i>e</i>	0.5816987	<i>i</i>	15.33696

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5				Williams					
(3199) Nefertiti				Obs.	98	<i>M</i>	351.07726	ω	53.32406
<i>H</i>	14.84	<i>G</i>	0.15	Opp.	7	<i>n</i>	0.49889043	Ω	340.11626
rms res. 0''96 (M-N)				1982-1994		<i>e</i>	0.2838467	<i>i</i>	32.97390

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5				Williams					
(3677) Magnusson				Obs.	20	<i>M</i>	346.51225	ω	124.67303
<i>H</i>	14.0	<i>G</i>	0.15	Opp.	5	<i>n</i>	0.28890456	Ω	206.26185
rms res. 0''70 (M-C)				1974-1994		<i>e</i>	0.2000279	<i>i</i>	4.28784

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5				Williams					
(4660) Nereus				Obs.	29	<i>M</i>	342.61885	ω	157.77409
<i>H</i>	18.3	<i>G</i>	0.15	Opp.	4	<i>n</i>	0.54212439	Ω	314.85127
rms res. 0''88 (M-N)				1981-1993		<i>e</i>	0.3602631	<i>i</i>	1.42491

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5				Williams					
(4957) Brucemurray				Obs.	61	<i>M</i>	15.24866	ω	97.47053
<i>H</i>	15.0	<i>G</i>	0.15	Opp.	5	<i>n</i>	0.50316553	Ω	255.00098
rms res. 0''67 (M-N)				1976-1994		<i>e</i>	0.2189621	<i>i</i>	35.00929

(6058)* 1978 VL₅ = 1974 OM = 1981 UF₁₃				Williams							
Discovered 1978 Nov. 7 by E. F. Helin and S. J. Bus at Palomar.											
Id. H. Kaneda (<i>MPC</i> 16021)											
Epoch 1994 Sept. 5.0 TT = JDT 2449600.5				Williams							
<i>M</i>	355.30993	(2000.0)		<i>P</i>		<i>Q</i>					
<i>n</i>	0.29607964	ω	53.08729	+0.75299404	+0.65315039						
<i>a</i>	2.2294463	Ω	265.98710	-0.62635269	+0.67418648						
<i>e</i>	0.1698831	<i>i</i>	4.59791	-0.20169850	+0.34477118						
<i>P</i>	3.33	<i>H</i>	13.5	<i>G</i>	0.15						
Residuals in seconds of arc											
740725	095	0.0	0.3+	910912	675	1.1-	1.0+	940703	596	0.2-	1.1-
781105	675	0.1-	0.5+	910912	675	0.6+	0.2-	940703	596	0.6-	0.7-
781106	675	0.5-	0.4-	910913	801	0.4-	1.1+	940703	596	0.1+	0.4-
781107	675	0.4-	0.6+	910913	801	0.4-	1.1+	940706	675	0.7+	0.2-
781108	675	0.8-	0.1-	910913	675	0.1-	1.1-	940717	292	0.9-	1.1-
781129	675	0.9-	1.1-	910913	675	0.4+	0.9-	940717	292	0.5+	1.1+
781130	675	2.6+	0.3-	910915	675	0.1-	0.8-	940807	801	0.2-	1.0-
811023	095	1.1+	2.6-	910915	675	0.4+	0.2-	940807	801	0.2+	0.5+
910811	801	0.5-	0.6-	910916	675	0.8+	0.6+	940809	801	0.2-	0.2+
910811	801	0.5-	0.5-	910916	675	0.2+	0.7+	940809	801	0.4+	1.8+
910910	801	0.4-	1.2+	940703	675	0.8+	0.5-				
910910	801	0.1-	1.1+	940703	675	0.4-	0.1+				

(6059)* 1979 TA = 1979 QK₉ = 1983 VD				Williams			
Discovered 1979 Oct. 11 by Z. Vávrová at Kleť.							
Id. T. Urata (<i>NOC</i> 1455)							

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Williams

M	337.84855	(2000.0)	P	Q
n	0.25932740	ω 51.90599	+0.99491382	+0.09458560
a	2.4354008	Ω 302.64123	-0.10039243	+0.90297589
e	0.2171974	i 2.35776	-0.00823705	+0.41915164
P	3.80	H 14.3	G 0.15	

Residuals in seconds of arc

790828 095	1.2+	1.1+	831107 372	(3.0+	3.1-)	940704 046	0.2+	0.7+
790923 095	0.8-	1.7+	850222 675	(1.4+	3.9+)	940704 046	0.1-	0.7+
791011 046	0.8-	2.1-	850223 675	(2.2-	5.1+)	940712 801	0.2-	1.4+
791011 046	1.0+	1.6-	871214 046	1.2-	0.1-	940712 801	0.6-	0.0
791012 046	0.8-	1.3+	871214 046	(2.1-	3.8+)	940713 801	0.7-	0.0
791012 046	0.9-	0.2-	871215 046	0.8+	0.8-	940713 801	0.1+	1.6-
791015 046	(1.1+	4.1+)	871215 046	0.0	2.2+	940730 046	0.1-	0.5+
791015 046	0.9-	1.7+	930321 809	0.7+	0.5+	940730 046	0.4+	0.3+
791016 095	(0.1-	4.3+)	930322 809	0.8+	0.8+	940730 046	0.8+	0.0
791019 046	0.7-	0.5+	930326 809	0.4-	0.8+	940804 046	0.2-	0.3-
791019 046	1.3+	0.1+	940702 046	0.2+	0.1-	940804 046	0.2-	0.4-
831106 372	0.9-	0.9-	940702 046	0.3-	0.3-	940805 046	0.2+	0.3-
831106 372	1.7+	0.2-	940703 046	0.4+	0.2-	940808 801	0.4+	0.4-
831107 372	(1.5+	3.7-)	940704 046	0.1-	0.4+	940808 801	0.0	0.6-

(6060)* 1980 DX = 1980 BA₃ = 1990 RR

Discovered 1980 Feb. 19 by A. Mrkos at Kletř.

Id. S. Nakano (d, *MPC* 13674), H. Kaneda (*MPC* 17627), E. Bowell (*ibid.*)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Williams

M	15.67436	(2000.0)	P	Q
n	0.23313614	ω 144.29328	+0.50876041	+0.85808038
a	2.6145461	Ω 156.05396	-0.82437298	+0.50891143
e	0.0895438	i 9.89116	-0.24813711	+0.06860920
P	4.23	H 12.9	G 0.15	

Residuals in seconds of arc

800124 095	2.0+	2.2-	900918 675	1.4+	0.6+	940728 657	0.3+	1.1-
800219 046	1.9-	1.8+	900918 675	0.5+	0.7+	940730 046	0.3-	0.5+
800219 046	0.3-	1.8+	930317 809	0.4+	0.8-	940730 046	0.2-	0.3+
800221 046	0.3+	1.1-	930318 809	0.9-	0.3-	940730 046	0.3-	0.2+
800221 046	0.5+	0.0	940703 046	0.6-	0.4-	940805 046	0.1-	0.6+
800222 046	1.2+	0.9+	940703 046	0.4-	0.1-	940805 046	0.1+	0.3+
800222 046	1.4-	1.3+	940703 046	0.4-	0.4-	940805 046	0.1+	0.7+
800223 046	(3.3+	0.3-)	940711 801	0.4-	0.5-	940809 801	0.5+	0.6+
800223 046	0.2+	0.9-	940711 801	0.8-	0.4-	940809 801	0.5+	1.4+
900913 675	0.4-	0.5+	940712 801	0.1-	0.1-	940815 046	1.3+	0.2-
900913 675	0.2-	0.3+	940712 801	0.1-	0.0	940815 046	1.3+	0.3-
900916 675	0.7-	1.6-	940728 657	0.7-	0.6+	940815 046	1.1+	0.0
900916 675	0.7-	1.1-	940728 657	0.6-	0.9-			

(6061)* 1981 SQ₂ = 1964 TV₁ = 1964 VG₁ = 1985 XZ

Discovered 1981 Sept. 20 by H. Debehogne at the European Southern Observatory.

Id. G. V. Williams (*MPC* 18808)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Williams

M	278.71978	(2000.0)	P	Q
n	0.28695433	ω 321.79512	+0.95440365	+0.29747826
a	2.2764644	Ω 20.93965	-0.25387048	+0.85272000
e	0.1600900	i 3.99632	-0.15704601	+0.42938943
P	3.43	H 13.3	G 0.15	

Residuals in seconds of arc

641009 330	1.1-	1.9-	810920 809	0.0	0.5+	851214 010	(0.0	8.2-)
641101 330	1.0+	1.4+	810920 809	0.4+	0.5+	940414 894	0.7+	1.6+
740618 413	0.1+	0.1-	810922 809	0.1-	0.1+	940414 894	0.5-	1.0+
740809 413	0.0	0.7-	810922 809	0.1+	0.3-	940415 894	0.9-	0.4+
770328 413	0.9+	0.3-	810922 809	0.2+	0.1+	940415 894	0.1-	1.1-
800221 413	0.3-	0.1+	810930 413	0.2-	0.7-	940506 894	(0.8+	3.1-)
810901 675	0.3-	0.8+	830406 413	1.0+	0.1-	940506 894	0.1-	1.0-
810902 675	0.6-	0.0	830408 413	(4.0-	3.7+)			
810920 809	0.3+	0.5+	851214 010	(3.7-	5.0-)			

(6062)* 1983 JQ = 1982 DZ₁

Discovered 1983 May 6 by N. G. Thomas at the Anderson Mesa Station of the Lowell Observatory.

Id. D. W. E. Green (*MPC* 14190)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Green

M	326.03207	(2000.0)	P	Q
n	0.17148099	ω 156.19105	+0.05588942	+0.99749065
a	3.2086725	Ω 116.98828	-0.92370146	+0.06818052
e	0.1675143	i 2.79549	-0.37901449	-0.01907386
P	5.75	H 12.3	G 0.15	

Residuals in seconds of arc

511128 675	0.7+	0.3-	820216 046	0.1+	0.4+	911214 691	0.6-	0.3-
511128 675	0.4-	0.7-	820221 046	1.2+	0.7+	940314 675	0.5+	0.3+
710324 675	0.9-	0.0	820221 046	0.5-	0.5+	940314 675	0.6+	0.4-
710326 675	0.3-	1.2-	830506 688	1.2-	1.8-	940402 596	0.2+	1.0-
710326 675	1.5-	0.4-	830506 688	0.8-	0.7-	940402 596	0.8+	0.4+
710327 675	0.3-	1.5-	830514 095	0.4-	0.3+	940402 596	1.0-	0.4+
710402 675	0.8-	0.9+	830605 095	1.8+	0.1-	940403 691	1.1-	0.2+
710416 675	1.6+	0.3-	900918 675	(2.4+	4.0-)	940403 691	1.1-	0.2+
710416 675	0.3-	0.1-	900918 675	1.2+	2.0-	940403 691	1.0-	0.1+
710513 675	1.2+	0.8-	900920 675	1.1+	1.5-	940515 801	1.0+	0.0
710514 675	0.4-	0.5+	900920 675	(2.3+	3.3-)	940515 801	1.2+	0.6-
710516 675	0.0	0.5+	911214 691	0.2-	0.3-			
820216 046	0.7+	1.9-	911214 691	0.5-	0.6-			

(6063)* 1984 KB

Discovered 1984 May 27 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 (M-N) Williams

M	54.20310	(2000.0)	P	Q
n	0.29877847	ω 336.50548	-0.83372333	-0.55198565
a	2.2160005	Ω 169.95187	+0.51907067	-0.79255406
e	0.7643356	i 4.84601	+0.18833757	-0.25917159
P	3.30	H 15.1	G 0.15	

Residuals in seconds of arc

840527 675	1.4-	1.0-	840622 474	0.6+	1.0-	940504 413	0.0	0.8+
840527 675	(2.7-	2.0-)	840623 474	0.7-	0.4+	940509 557	0.4-	0.3+
840529 675	1.1+	0.9+	840623 474	0.2-	0.3+	940509 557	0.4-	0.2+
840529 675	1.1+	1.2+	840627 801	1.1-	0.5+	940509 557	0.3-	0.4+
840529 675	1.4+	0.3-	840703 801	(5.2+	1.9+)	940509 557	0.3-	0.6+
840529 675	0.5-	1.4-	840725 801	0.2-	0.6+	940510 675	0.4-	1.6-
840530 675	0.2-	0.4+	840729 801	0.5+	0.9+	940513 675	0.1-	0.0
840531 657	2.2+	0.7-	930923 413	0.4+	0.1+	940513 675	1.1-	0.2-
840601 381	0.1+	0.7+	930923 413	0.4+	0.1+	940515 801	0.1+	0.0
840601 381	1.1-	0.2-	930924 413	0.1-	0.6-	940515 801	0.5+	0.4+
840602 688	0.8+	0.5+	930924 413	0.1-	0.6-	940516 557	0.1-	0.0
840603 801	0.9-	0.1+	931014 801	(2.6-	0.2-)	940516 557	0.5-	0.2+
840603 675	1.0-	1.6-	931026 413	0.2+	0.5-	940604 675	1.5+	0.3-
840603 675	1.5+	0.3-	931026 413	0.7+	0.3-	940608 675	0.8+	1.5-
840604 801	0.7-	0.4+	931026 413	0.9+	0.2+	940609 801	0.8+	1.1+
840604 688	(2.8+	0.8+)	931027 413	0.1+	0.1+	940609 801	0.7+	0.1+
840604 688	0.6-	0.8-	931027 413	0.3+	0.2-	940611 801	0.2-	1.4+
840604 688	(0.9-	4.5-)	931120 413	0.4-	0.3-	940617 413	0.8+	0.4-
840604 688	(6.6+	1.2+)	931120 413	0.0	0.6-	940617 413	0.8+	0.4-
840604 688	(1.2+	2.8-)	940122 413	1.7-	0.5-	940620 413	0.9+	0.4+
840605 801	1.3-	0.2+	940122 413	1.2-	0.0	940704 675	1.2-	0.0
840613 474	(2.0-	3.3+)	940123 413	0.7-	0.4-	940704 675	(4.2-	2.5+)
840613 474	2.3-	0.1-	940123 413	0.9-	0.4-	940705 801	0.3-	1.0-
840613 474	(2.7-	0.1-)	940501 413	0.6+	0.4+	940705 587	0.7-	0.2+
840615 474	0.8+	0.9+	940501 413	0.4+	0.1+	940705 587	0.0	0.3+
840615 474	0.2-	1.1-	940502 413	0.8+	0.0	940712 801	0.5-	0.3-
840618 474	0.6-	0.1+	940502 413	0.6+	0.2+	940712 801	0.7+	0.4+
840618 474	0.4-	0.4-	940503 413	0.7+	0.2+	940725 413	0.2-	2.2+
840622 474	0.3-	0.2+	940503 413	0.3+	0.2+	940725 413	2.2-	1.8+

(6064)* 1987 HE₁ = 1971 OW = 1990 DR

Discovered 1987 Apr. 23 by A. Mrkos at Kleť.

Id. H. Kaneda (*MPC* 16233)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

			Williams		
<i>M</i>	50.93783	(2000.0)	P	Q	
<i>n</i>	0.30043892	ω 105.97841	-0.08584745	+0.99574579	
<i>a</i>	2.2078281	Ω 159.01016	-0.94610771	-0.07094527	
<i>e</i>	0.1590781	<i>i</i> 5.36220	-0.31226658	-0.05879710	
<i>P</i>	3.28	<i>H</i> 13.6	<i>G</i> 0.15		

Residuals in seconds of arc

710726 095	0.1+	0.6+	900316 399	2.5+	1.2+	911003 046	(1.2-	9.4-)
710818 095	(1.3+	6.7-)	900316 399	1.9+	0.1+	911004 046	(3.3+	3.9-)
710819 808	0.1+	0.3-	900317 809	1.4-	0.6+	911004 046	(0.3+	3.6-)
870423 046	0.9-	1.0-	900317 809	1.4-	0.6+	940712 801	0.7-	0.8+
870423 046	0.6-	1.4-	900317 809	1.1-	0.6+	940712 801	0.2-	0.9+
870424 046	1.2+	2.0-	900319 809	0.7-	0.3+	940713 801	0.6-	0.6+
870427 046	1.5-	1.4-	900319 809	0.6-	0.2+	940713 801	0.7-	0.8+
870427 046	0.9-	1.7-	900319 809	0.3-	0.1+	940805 046	0.4+	0.8+
900218 399	2.5+	1.7+	910910 675	0.1-	2.4-	940805 046	0.0	0.7+
900218 399	2.1+	0.8+	910910 675	0.8+	0.5-	940805 046	0.2+	0.5+
900228 399	2.3+	1.9-	910912 675	0.3+	2.5-	940806 046	0.2+	0.7+
900228 399	(2.9+	3.3-)	910912 675	0.8+	2.0-	940806 046	0.2+	0.6+

900316 809	1.5-	0.0	910914 675	0.2-	2.0-	940806 046	0.0	0.4+
900316 809	1.3-	0.1+	910914 675	(0.5-	2.9-)	940808 801	0.1+	0.4+
900316 809	1.1-	0.1-	911003 046	(3.1-	5.3-)	940808 801	0.2+	0.2+

(6065)* 1987 OC = 1989 CG₆

Discovered 1987 July 27 by E. F. Helin and R. S. Dunbar at Palomar.

Id. S. Nakano (*MPC* 16697), G. V. Williams (*ibid.*)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

			Williams		
<i>M</i>	347.11713	(2000.0)	P	Q	
<i>n</i>	0.27499409	ω 47.50085	+0.69634954	+0.59300542	
<i>a</i>	2.3420014	Ω 271.90394	-0.71756714	+0.58620571	
<i>e</i>	0.2082623	<i>i</i> 23.85997	+0.01395446	+0.55200311	
<i>P</i>	3.58	<i>H</i> 13.0	<i>G</i> 0.15		

Residuals in seconds of arc

870727 675	0.5+	2.4+	910913 801	0.7+	0.2+	911206 801	0.3+	0.1+
870729 675	(5.2-	2.7+)	910913 801	0.4+	0.0	911206 801	0.1+	0.4+
870823 675	(2.2-	4.3+)	911008 801	0.2+	0.1+	911207 675	0.2+	0.4-
870825 675	2.4-	1.9+	911008 801	0.0	0.1-	911207 675	1.5+	0.6-
870919 675	2.4-	0.5+	911009 801	0.3+	0.2+	940705 801	0.5+	0.8-
870919 675	(3.8-	2.7+)	911009 801	0.3+	0.1-	940712 801	0.5-	0.7-
871119 801	(3.0+	0.1-)	911105 675	1.8-	0.8-	940712 801	0.8+	0.7-
890203 033	0.8+	1.2+	911106 675	1.6-	1.5-	940808 801	0.6+	0.8-
890203 033	0.6+	2.2+	911106 675	1.2-	2.3-	940808 801	0.3+	0.7-
900323 474	0.6+	0.2-	911205 801	1.7+	0.5+			
900323 474	0.3+	0.1+	911205 801	0.4-	0.5+			

(6066)* 1987 SZ₃ = 1990 KQ₃

Discovered 1987 Sept. 26 by E. Bowell at the Anderson Mesa Station of the

Lowell Observatory.

Id. B. A. Skiff (*MPC* 21567)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

			Williams		
<i>M</i>	333.91675	(2000.0)	P	Q	
<i>n</i>	0.26942182	ω 224.19370	+0.98295859	+0.16166540	
<i>a</i>	2.3741831	Ω 126.30433	-0.12359062	+0.93355849	
<i>e</i>	0.2811029	<i>i</i> 6.23345	-0.13608001	+0.31989504	
<i>P</i>	3.66	<i>H</i> 14.1	<i>G</i> 0.15		

Residuals in seconds of arc

540728 675	0.6-	0.1-	871020 688	0.7+	0.2-	940705 801	0.1-	0.0
540728 675	1.1-	0.4-	871020 688	0.1+	1.0-	940705 801	0.3+	1.7+
540928 675	0.4-	0.7+	871022 095	0.8-	0.2-	940712 801	0.3-	0.0
540928 675	1.3+	1.4+	871122 688	0.8+	0.6-	940712 801	0.1+	1.5-
870924 095	(2.1-	4.0-)	871122 688	0.8+	0.6-	940809 801	0.7+	1.3-
870926 688	0.4-	1.1+	900526 675	0.4-	1.2-	940809 801	0.2-	0.1-
870926 688	0.4-	1.0-	900526 675	0.3-	0.2+			

**(6067)* 1990 QR₁₁ = 1990 QP₁₈ = 1990 RG₁₂ = 1956 NB = 1980 XA₂
= 1991 VO₁₆ = 1994 GD**

Discovered 1990 Aug. 28 by Z. Vávrová at Kleť.

Id. S. Nakano (d, *MPC* 20912), R. H. McNaught (1983, 1988 observations),

G. V. Williams

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

M		(2000.0)		P		Q	
n	0.17512372	ω	66.61693	+0.49227098	+0.85810410		
a	3.1640213	Ω	233.68253	-0.85006741	+0.43784672		
e	0.0628348	i	10.44219	-0.18722894	+0.26823051		
P	5.63	H	11.6	G	0.15		

Residuals in seconds of arc

560708 024	0.1-	1.4+	900829 095	0.3+	0.0	940403 413	0.0	0.2+
801210 095	1.1-	1.1-	900915 675	1.0-	2.1-	940403 413	0.1-	0.2+
830510 413	0.1+	0.4-	900915 675	1.0-	1.8-	940404 413	0.1-	0.4+
830510 413	0.9-	0.3+	911112 691	0.2+	0.4+	940404 413	0.0	0.5+
880223 413	0.5-	0.9-	911112 691	0.3+	0.3+	940504 413	0.4-	0.6-
880223 413	1.5+	0.2-	911112 691	0.1+	0.5+	940504 413	0.4-	0.7-
900828 046	1.2+	1.4+	940401 413	1.1-	0.0	940620 413	0.4+	0.2+
900828 046	1.3+	0.4-	940401 413	0.9+	1.1-	940620 413	0.3+	0.2+

(6068)* 1990 TJ₂ = 1969 UK₂ = 1985 VQ₂

Discovered 1990 Oct. 10 by F. Börngen and L. D. Schmadel at Tautenburg.

Id. H. Kaneda (*MPC* 17453)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

M		(2000.0)		P		Q	
n	0.18624787	ω	223.87104	+0.12729641	-0.98689543		
a	3.0367463	Ω	219.12930	+0.94783396	+0.15049273		
e	0.0783318	i	9.04046	+0.29224374	-0.05821809		
P	5.29	H	12.4	G	0.15		

Residuals in seconds of arc

560508 675	0.0	0.3-	901013 033	0.7+	0.5-	920209 033	0.5+	0.1-
560508 675	0.3+	0.5+	901014 033	0.4+	0.1-	930426 033	0.1-	0.1-
691018 095	0.2-	0.4+	911212 033	0.2-	0.0	930426 033	1.1+	0.6-
851109 095	(1.2+	4.8+)	911212 033	0.6-	0.2+	930427 033	0.7+	0.2+
851111 095	1.2-	1.1+	911213 033	1.6+	0.0	940614 033	0.4+	0.1-
901010 033	0.7+	0.2-	920103 033	0.1+	0.2-	940615 033	1.1-	0.7+
901011 033	0.0	0.2+	920103 033	1.4-	0.6-	940710 033	0.6-	0.6-
901011 033	1.4+	0.1-	920208 033	0.5-	0.3-	940710 033	0.0	0.3-
901012 033	0.6-	0.2-	920208 033	0.7-	0.3+	940711 033	0.9-	0.2-

(6069)* 1991 PW₁₇ = 1978 XN₁ = 1981 SR₄ = 1990 FJ₁

Discovered 1991 Aug. 8 by H. E. Holt at Palomar.

Id. G. V. Williams (*MPC* 20025)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

M		(2000.0)		P		Q	
n	0.29273813	ω	329.02404	-0.94956673	-0.31318154		
a	2.2463798	Ω	192.75308	+0.30015027	-0.89352480		
e	0.0416924	i	4.02712	+0.09073498	-0.32176195		
P	3.37	H	14.1	G	0.15		

Residuals in seconds of arc

781205 033	0.3-	2.0+	910808 675	0.3-	0.4-	930128 809	0.0	0.0
781205 033	0.2-	2.3+	910911 675	1.0+	0.6+	930128 809	0.8-	0.1-
810925 095	0.1+	2.4-	910911 675	0.1+	0.0	930128 809	0.9-	0.4-
900327 400	0.4-	1.5+	910916 675	0.9-	0.4+	930221 801	0.0	0.5-
900327 400	0.8+	0.1-	910916 675	0.9-	0.3-	930221 801	0.2+	0.6-
900329 400	0.5+	0.9+	910917 675	1.0+	1.8+	940705 801	0.3+	1.0-
900329 400	(1.9+	3.0+)	910917 675	1.3+	1.0+	940705 801	0.3-	0.2-

910808 675	0.8+	1.3-	930123 809	0.7+	0.8-	940711 801	0.4+	0.2+
910808 675	1.8-	1.8-	930123 809	0.6-	1.8-	940808 801	0.4-	0.2+
910808 675	0.5+	2.0-	930123 809	0.4-	1.6-			

(6070)* 1991 XO₁ = 1950 TW₁ = 1983 NW

Discovered 1991 Dec. 10 by F. Börngen at Tautenburg.

Id. G. V. Williams (*MPC* 20030)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

M		(2000.0)		P		Q	
n	0.26715105	ω	292.64343	+0.95600470	-0.28826805		
a	2.3876177	Ω	84.14512	+0.28520150	+0.86995189		
e	0.2094689	i	3.13331	+0.06866675	+0.40010653		
P	3.69	H	13.1	G	0.15		

Residuals in seconds of arc

501015 024	1.1-	2.0+	920102 033	0.6+	0.7-	930423 033	0.5+	0.3-
830713 688	1.7+	2.0-	920103 033	0.2-	0.1+	930423 033	1.2-	0.2+
830713 688	(2.8-	4.8-)	920107 033	0.6+	0.9+	930424 033	0.0	0.1+
911210 033	1.3-	0.3-	930327 033	0.3+	0.6+	940713 801	0.6-	0.2+
911211 033	0.1+	0.3-	930329 033	0.2-	0.0	940713 801	0.1-	0.4+
911212 033	0.5-	0.5-	930330 033	0.4+	0.6-	940808 801	0.1-	0.1-
911228 033	0.7+	0.6-	930418 413	1.0+	1.7+	940808 801	0.2-	0.1-

(6071)* 1992 AS₁ = 1965 AM = 1968 UO₁ = 1985 OS

Discovered 1992 Jan. 4 by T. Hioki and S. Hayakawa at Okutama.

Id. T. Kobayashi (*MPC* 20031)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

M		(2000.0)		P		Q	
n	0.22120458	ω	277.51463	+0.32696429	-0.94046553		
a	2.7077380	Ω	152.82656	+0.92727599	+0.30031152		
e	0.1101959	i	11.72924	+0.18235567	+0.15917784		
P	4.46	H	11.8	G	0.15		

Residuals in seconds of arc

650101 330	(1.7+	3.9+)	920127 877	0.7+	0.2-	930524 801	0.1-	0.7-
681023 095	0.7+	2.1-	920202 385	0.4-	0.7+	930526 801	0.3-	1.1-
850719 033	0.9-	0.8+	920202 385	(3.4-	1.9+)	930526 801	0.4-	0.9-
920104 877	1.0-	0.5+	920222 877	0.5-	0.3-	940705 801	0.8+	0.4-
920104 877	1.1+	0.1-	920222 877	0.7-	1.4-	940705 801	0.7-	1.8-
920107 877	2.2-	0.4-	930326 801	0.2+	0.2+	940712 801	0.0	0.3-
920107 877	(1.5-	3.4-)	930326 801	0.5+	0.5+	940712 801	0.3+	0.0
920114 877	0.6+	1.1-	930419 801	0.1+	0.4+	940807 801	0.3+	0.5+
920114 877	1.5+	0.7-	930419 801	0.3-	0.2+	940807 801	0.2+	0.4+
920127 877	0.4+	1.4+	930524 801	0.1+	0.8-			

(6072)* 1280 T-1 = 1979 SO₁₀ = 1979 UJ₄ = 1990 SY₂₅

Discovered 1971 Mar. 25 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Id. D. W. E. Green (*MPC* 19321), N. S. Chernykh (d, *MPC* 19321),

G. V. Williams

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

M		(2000.0)		P		Q	
n	0.17603830	ω	99.93174	+0.32886351	+0.94402277		
a	3.1530530	Ω	189.39154	-0.91665392	+0.31249790		
e	0.0282275	i	9.12566	-0.22714399	+0.10566961		
P	5.60	H	12.0	G	0.15		

Residuals in seconds of arc

710324 675	1.3-	0.4+	710514 675	0.7-	0.1+	940508 691	0.8+	0.2-
710324 675	0.8+	0.5+	710516 675	1.5+	1.3-	940511 801	0.3-	0.6+
710325 675	1.5-	0.1-	790928 095	0.3+	0.8-	940511 801	0.6+	0.2+
710325 675	0.1-	0.1+	791016 095	1.3+	0.2+	940608 801	0.6+	0.0
710325 675	1.9-	0.1+	791016 095	1.3+	0.2+	940608 801	0.3+	0.7-
710326 675	(2.6+	1.5-)	900921 372	2.7-	1.3-	940610 801	0.6+	0.2-
710327 675	0.4-	0.3-	900921 372	(4.2-	1.3+)	940610 801	1.4+	0.4+
710402 675	(2.5-	0.5-)	930324 675	0.6+	0.4-	940610 691	0.7-	0.0
710416 675	0.4+	1.1-	930324 675	0.4+	0.2-	940610 691	0.6-	0.0
710416 675	0.4+	1.2+	940507 801	0.4+	0.5+	940610 691	0.8-	0.1-
710416 675	0.0	0.6-	940507 801	0.4+	0.1-	940613 691	0.3-	0.4-
710416 675	0.9+	0.4+	940508 691	0.6-	0.1+	940613 691	0.6-	0.1-
710513 675	0.5+	0.7-	940508 691	0.2-	0.1+	940613 691	0.6-	0.4-

1977 QQ₂ = 1992 ES₁₇ = 1993 TM₄₀

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams			
<i>M</i>	(2000.0)	<i>P</i>	<i>Q</i>		
<i>n</i>	0.31112725	ω	19.99158	+0.46652115	+0.88382294
<i>a</i>	2.1569696	Ω	277.83072	-0.81623201	+0.41499187
<i>e</i>	0.1784921	<i>i</i>	2.01639	-0.34076872	+0.21596011
<i>P</i>	3.17	<i>H</i>	13.5	<i>G</i>	0.15

Residuals in seconds of arc

770821 095	0.2-	0.6-	920303 809	0.6-	0.1-	931010 691	0.1-	0.3+
770823 095	0.7+	1.3+	920305 809	0.7-	0.1-	931010 691	0.1+	0.0
770909 095	0.6-	0.5-	920309 809	0.8+	0.4-	931010 691	0.1-	0.0
920301 809	0.5+	0.1+	920407 809	0.3+	1.0+			

1978 VY₃ = 1986 UM₃ = 1992 DJ₉

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams			
<i>M</i>	(2000.0)	<i>P</i>	<i>Q</i>		
<i>n</i>	0.24191166	ω	103.22239	+0.97443555	-0.21737154
<i>a</i>	2.5509279	Ω	269.35397	+0.17779756	+0.90063200
<i>e</i>	0.1431902	<i>i</i>	3.25572	+0.13734407	+0.37631320
<i>P</i>	4.07	<i>H</i>	15.0	<i>G</i>	0.15

Residuals in seconds of arc

781105 675	0.4+	0.2+	781129 675	1.7-	0.1-	861030 801	0.1-	0.7+
781106 675	0.4-	0.1-	781129 675	1.8+	0.5-	920229 809	1.1-	1.0+
781107 675	1.3-	0.8-	781130 675	1.2-	0.6-	920303 809	0.3-	0.6+
781108 675	0.5-	0.3+	781130 675	2.9+	1.0+	920305 809	1.4+	1.2-

1978 VA₆ = 1978 WX₁₁ = 1992 EC₁₁

Id. H. Oishi (d, JAM 2062), G. V. Williams

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams			
<i>M</i>	(2000.0)	<i>P</i>	<i>Q</i>		
<i>n</i>	0.17084836	ω	199.42815	-0.15860766	+0.98683541
<i>a</i>	3.2165885	Ω	61.45674	-0.90104001	-0.13157782
<i>e</i>	0.1419348	<i>i</i>	2.06245	-0.40369605	-0.09403803
<i>P</i>	5.77	<i>H</i>	13.5	<i>G</i>	0.15

Residuals in seconds of arc

781105 675	0.8-	0.7-	781129 675	0.2+	0.7+	920308 809	0.4-	0.1+
781106 675	1.9+	1.0-	781130 675	0.2-	0.6-	920309 809	0.9+	0.2+
781107 675	1.1-	1.6+	920306 809	0.3-	0.2-	920406 809	0.2-	0.2-

1979 MO₄ = 1979 OB₈ = 1987 DP₃ = 1992 EG₁₂

Id. H. Oishi (d, JAM 2065), G. V. Williams

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams			
<i>M</i>	(2000.0)	<i>P</i>	<i>Q</i>		
<i>n</i>	0.20608497	ω	42.46428	-0.91824860	+0.39579516
<i>a</i>	2.8386064	Ω	160.83967	-0.37304663	-0.85365005
<i>e</i>	0.0317480	<i>i</i>	2.24776	-0.13287485	-0.33856726
<i>P</i>	4.78	<i>H</i>	15.0	<i>G</i>	0.15

Residuals in seconds of arc

790625 413	0.6-	0.4-	870223 010	1.9-	0.7+	920308 809	0.8-	0.4+
790629 413	1.9+	0.2-	870223 010	2.0+	0.4-	920309 809	0.7-	0.1-
790724 413	1.5-	0.4-	920301 809	2.7+	2.0-			
790725 675	0.2+	1.2+	920306 809	1.2-	1.5+			

1979 OG₈ = 1992 BZ₅ = 1994 PD₁

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams			
<i>M</i>	(2000.0)	<i>P</i>	<i>Q</i>		
<i>n</i>	0.26568367	ω	247.17806	+0.92040218	-0.24572867
<i>a</i>	2.3964009	Ω	125.69616	+0.30581468	+0.93708372
<i>e</i>	0.3355146	<i>i</i>	21.99043	-0.24359228	+0.24797484
<i>P</i>	3.71	<i>H</i>	16.0	<i>G</i>	0.15

Residuals in seconds of arc

790724 413	0.3-	0.9-	920131 691	0.5-	1.3-	940816 413	0.5-	0.3-
790726 675	0.1+	1.7+	940815 413	(2.5-	6.6+)	940816 413	0.4-	0.5-
790727 675	0.2+	0.8-	940815 413	(1.4-	2.9+)	940817 413	0.3+	0.2-
920131 691	0.7+	0.9+	940816 413	0.2+	0.4+	940817 413	0.3+	0.3-
920131 691	0.2-	0.4+	940816 413	0.1+	0.5+	940817 413	0.1+	0.3+

1981 DO₃ = 1992 DZ₉

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams			
<i>M</i>	(2000.0)	<i>P</i>	<i>Q</i>		
<i>n</i>	0.17193615	ω	18.53058	+0.61552822	+0.78164671
<i>a</i>	3.2030072	Ω	289.58470	-0.73592903	+0.52430200
<i>e</i>	0.1161486	<i>i</i>	6.13963	-0.28201680	+0.33783994
<i>P</i>	5.73	<i>H</i>	13.0	<i>G</i>	0.15

Residuals in seconds of arc

810212 413	0.4+	0.5+	810308 413	(3.5+	0.5-)	920303 809	0.6-	0.4+
810228 413	0.7-	1.0-	810312 413	0.3-	0.3+	920305 809	0.4+	0.1+
810228 413	(3.8+	0.1-)	810312 413	2.1+	0.3+	920308 809	0.0	0.5-
810306 413	(3.6-	1.7+)	810501 413	0.2-	0.4-			
810306 413	1.1-	0.4+	920229 809	0.2+	0.2-			

1981 EG₅ = 1986 RT₃ = 1986 RZ₁₃ = 1992 DG₈

Id. G. V. Williams (d, MPC 18666; unpublished)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams			
<i>M</i>	(2000.0)	<i>P</i>	<i>Q</i>		
<i>n</i>	0.26294814	ω	12.05951	+0.89066707	+0.44468395
<i>a</i>	2.4129925	Ω	321.08734	-0.42866614	+0.75191949
<i>e</i>	0.1277293	<i>i</i>	8.67132	-0.15151735	+0.48669627
<i>P</i>	3.75	<i>H</i>	13.5	<i>G</i>	0.15

Residuals in seconds of arc

810212 413	0.6+	0.6+	810310 413	2.0+	0.3-	810409 413	0.1-	0.1-
810214 413	1.0-	0.7+	810312 413	1.1-	0.6-	810429 413	0.2-	0.2+
810301 413	1.0-	2.5+	810312 413	2.2-	0.7+	860911 095	2.1-	1.0+

810302 413 (4.2- 0.8-)	810407 413 (2.9- 0.8+)	860911 054 1.9+ 0.5-
810302 413 0.8+ 1.1-	810407 413 0.6+ 0.3+	920229 809 0.0 0.2+
810307 413 1.5- 0.8+	810408 413 2.7+ 0.9-	920303 809 0.4+ 0.5-
810307 413 0.8+ 0.7+	810408 413 1.2+ 0.8-	920308 809 0.7- 0.3-
810310 413 0.2- 0.5-	810409 413 0.8- 1.0-	

1981 ES₂₅ = 1992 ES₁₁

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	155.74316	(2000.0)	P	Q
<i>n</i>	0.26559597	ω 243.62429	-0.06086833	+0.99804229
<i>a</i>	2.3969284	Ω 22.89972	-0.90211268	-0.04884297
<i>e</i>	0.1456025	<i>i</i> 2.11705	-0.42718586	-0.03906334
<i>P</i>	3.71	<i>H</i> 15.0	<i>G</i> 0.15	

Residuals in seconds of arc

810209 413 0.7- 1.3-	810315 413 1.8- 1.3+	920303 809 0.4- 0.7+
810212 413 0.7+ 0.4-	810315 413 2.2+ 1.0-	920305 691 0.1- 0.2-
810213 413 1.0- 1.1+	810405 413 0.5+ 0.2+	920305 691 0.2+ 0.5-
810302 413 1.7- 0.4-	810406 413 1.3+ 1.6-	920305 691 1.5- 1.7-
810302 413 1.8+ 1.3-	810410 413 2.1- 1.8+	920306 809 0.8+ 0.3+
810306 413 0.6- 0.5+	810426 413 1.8+ 0.3-	920308 809 1.1+ 0.8+
810311 413 1.2- 0.4-	810502 413 0.7- 0.3+	920309 809 0.8+ 1.1+
810311 413 0.8+ 0.0	920229 809 0.1+ 0.6+	920406 809 0.5- 0.3+

1981 EU₂₆ = 1992 EZ₁₅ = 1993 KS₂

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	310.78218	(2000.0)	P	Q
<i>n</i>	0.17506178	ω 191.33862	+0.99038394	-0.13823279
<i>a</i>	3.1647676	Ω 176.59199	+0.13315332	+0.94144639
<i>e</i>	0.1591318	<i>i</i> 5.40396	+0.03754783	+0.30752298
<i>P</i>	5.63	<i>H</i> 14.0	<i>G</i> 0.15	

Residuals in seconds of arc

810302 413 1.8- 0.1-	810405 413 0.4- 1.6+	920303 809 0.8- 0.1+
810306 413 0.2+ 0.7-	810406 413 1.5+ 0.7-	920306 809 1.0+ 0.1-
810306 413 0.8+ 0.3-	810410 413 (7.2- 1.1+)	930520 691 0.1- 0.2-
810311 413 0.5- 0.8-	810426 413 1.0- 0.0	930520 691 0.1+ 0.1+
810311 413 0.2- 0.1-	810501 413 1.3+ 0.6+	
810315 413 (4.9+ 2.8-)	920301 809 0.0 0.6+	

1981 EG₃₄ = 1992 DH₉

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	345.59991	(2000.0)	P	Q
<i>n</i>	0.26362835	ω 210.77049	+0.71269117	-0.70082936
<i>a</i>	2.4088401	Ω 193.85483	+0.66650201	+0.68993603
<i>e</i>	0.0881367	<i>i</i> 7.23504	+0.21873812	+0.18118082
<i>P</i>	3.74	<i>H</i> 16.5	<i>G</i> 0.15	

Residuals in seconds of arc

810212 413 0.1+ 0.2+	810306 413 1.4+ 2.5-	810315 413 0.3+ 1.0-
810212 413 0.2+ 0.5-	810306 413 0.9- 0.9+	810501 413 0.5+ 0.1+
810301 413 0.6- 2.1+	810306 413 1.7+ 0.6+	810501 413 0.4- 1.4+
810301 413 0.6+ 0.6+	810308 413 1.7- 0.9+	810503 413 0.3+ 1.2-
810302 413 0.8- 1.1+	810308 413 1.3+ 0.2-	920229 809 0.5- 0.3-
810302 413 0.4+ 0.7-	810311 413 0.2- 1.2-	920303 809 1.3+ 0.3-
810306 413 1.8- 0.4-	810315 413 0.5- 0.1-	920305 809 0.9- 0.5+

1981 EB₃₉ = 1992 DU₈

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	168.64336	(2000.0)	P	Q
<i>n</i>	0.26610196	ω 77.81892	-0.16661354	+0.98599742
<i>a</i>	2.3938890	Ω 182.62072	-0.95370829	-0.16295198
<i>e</i>	0.2195035	<i>i</i> 8.80715	-0.25036061	-0.03543637
<i>P</i>	3.70	<i>H</i> 17.0	<i>G</i> 0.15	

Residuals in seconds of arc

810209 413 0.2- 1.0+	810311 413 0.9+ 0.7-	810503 413 0.3+ 0.1+
810302 413 (1.9- 3.2+)	810316 413 2.1+ 1.2-	920229 809 2.0- 1.3-
810302 413 0.6- 0.1+	810329 413 2.3- 1.5+	920303 809 0.7+ 0.2+
810303 413 1.8+ 1.2-	810329 413 1.8- 0.4-	920308 809 1.2+ 0.6+
810307 413 0.6- 1.9+	810411 413 1.3+ 2.1-	
810307 413 0.8- 0.5+	810502 413 0.1+ 1.0+	

1981 ED₄₀ = 1992 BS₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	200.85881	(2000.0)	P	Q
<i>n</i>	0.17711888	ω 279.85326	-0.14793164	-0.98898694
<i>a</i>	3.1402157	Ω 178.62847	+0.96582556	-0.14546270
<i>e</i>	0.2625707	<i>i</i> 11.05450	+0.21283142	-0.02730265
<i>P</i>	5.56	<i>H</i> 14.5	<i>G</i> 0.15	

Residuals in seconds of arc

810213 413 1.7+ 0.3-	810316 413 (5.7+ 6.5-)	920128 691 0.1+ 0.1-
810302 413 0.4+ 0.9-	810426 413 1.3+ 2.4-	920128 691 0.7+ 0.4-
810303 413 0.9- 1.1+	810501 413 1.1+ 0.0	920128 691 0.0 0.5-
810307 413 1.9- 2.0+	920127 691 0.5- 0.4-	920302 809 0.4+ 0.3+
810307 413 0.5+ 0.2-	920127 691 0.1+ 0.7+	920305 809 0.5- 0.8+
810311 413 1.7- 1.3+	920127 691 0.7- 0.2+	920309 809 0.4+ 1.4-

1981 FC₁ = 1953 GF₂ = 1992 ES₂₀

Id. G. V. Williams, E. Bowell

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	175.86506	(2000.0)	P	Q
<i>n</i>	0.17711663	ω 140.40573	-0.75423448	-0.65659329
<i>a</i>	3.1402423	Ω 358.53572	+0.55640902	-0.63593433
<i>e</i>	0.1727554	<i>i</i> 8.89328	+0.34862494	-0.40555244
<i>P</i>	5.56	<i>H</i> 12.0	<i>G</i> 0.15	

Residuals in seconds of arc

530415 675 0.1- 0.3+	810407 413 0.1- 0.2+	810502 413 0.5+ 0.6+
530415 675 0.8+ 1.0+	810408 413 1.4- 0.0	920302 809 1.4+ 0.1+
810202 413 0.1- 0.9-	810408 413 0.8+ 0.2-	920305 809 1.0- 0.3-
810213 413 0.3+ 0.9+	810411 413 1.5- 0.0	920406 809 0.5- 0.2+
810316 413 (4.5+ 3.6-)	810411 413 0.8+ 0.9-	
810329 413 0.1- 0.4-	810430 413 0.4+ 0.5-	

1981 QK₃ = 1992 EL₁₉

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	7.96398	(2000.0)	P	Q
<i>n</i>	0.23105936	ω 10.48113	+0.99555480	+0.07594453
<i>a</i>	2.6301893	Ω 344.82452	-0.09417423	+0.81122838
<i>e</i>	0.1152481	<i>i</i> 12.28632	+0.00136236	+0.57977664
<i>P</i>	4.27	<i>H</i> 13.5	<i>G</i> 0.15	

Residuals in seconds of arc

810825 809	0.4-	2.1+	810831 809	1.0+	0.0	810904 809	1.2-	2.2-
810825 809	0.4-	1.4+	810831 809	1.5+	0.0	810905 809	1.1+	1.3+
810825 809	0.5-	1.8+	810901 809	1.5-	0.6+	810905 809	1.0+	1.2+
810826 809	0.3+	1.2-	810901 809	0.6-	0.5+	810905 809	0.9+	1.0+
810826 809	0.0	1.3-	810901 809	1.2-	0.3+	810906 809	0.1+	0.7+
810826 809	0.6-	1.6-	810902 809	0.2+	0.6-	810906 809	0.9+	1.1+
810826 809	1.0-	1.1+	810902 809	0.3+	0.3-	810906 809	1.0+	0.9+
810826 809	0.5-	0.6+	810902 809	1.0+	0.5-	810906 809	1.1+	0.7+
810826 809	0.6+	0.6+	810902 809	0.7-	0.2+	810906 809	1.2+	0.8+
810827 809	1.0-	1.1-	810902 809	0.1+	0.1-	810906 809	1.0+	0.8+
810827 809	0.2-	1.0-	810902 809	0.6+	0.0	810907 809	0.1-	0.4+
810827 809	0.6+	1.0-	810903 809	0.5-	1.3-	810907 809	0.4-	0.6+
810828 809	(1.4-	2.6+)	810903 809	0.7-	1.1-	810907 809	0.0	0.1+
810828 809	(0.4-	3.1+)	810903 809	0.5-	1.0-	920301 809	0.5-	0.2-
810828 809	(0.3-	2.5+)	810904 809	1.7-	2.0-	920304 809	1.7+	0.5+
810831 809	0.4+	0.1+	810904 809	1.5-	2.0-	920406 809	1.0-	0.3+

1981 RC₅ = 1989 NV₁ = 1992 EP₁₄

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	69.25817	ω 146.72737	+0.79374314 +0.60797716
<i>a</i>	0.23708393	Ω 175.69227	-0.59761543 +0.78511580
<i>e</i>	2.5854411	<i>i</i> 14.11633	-0.11325912 +0.11813956
<i>P</i>	0.1987779	<i>H</i> 12.0	<i>G</i> 0.15
	4.16		

Residuals in seconds of arc

810908 095	1.5-	1.1-	890709 675	0.5-	0.6+	920306 809	1.7+	0.5+
810928 095	2.4+	0.0	890709 675	0.4+	0.3+	920309 809	1.8-	0.0
811005 095	(1.2-	6.2+)	920301 809	0.3+	1.0+	920407 809	0.2-	0.2-
811026 095	1.2-	2.0+	920303 809	0.3+	0.0			

1986 WV₁ = 1969 VY = 1993 BK₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Kinoshita	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	121.89676	ω 297.02407	-0.06823088 -0.99760404
<i>a</i>	0.17591044	Ω 156.87979	+0.92535266 -0.06756478
<i>e</i>	3.1545807	<i>i</i> 1.66863	+0.37291689 -0.01487235
<i>P</i>	0.1561629	<i>H</i> 12.4	<i>G</i> 0.15
	5.60		

Residuals in seconds of arc

691111 095	0.7-	0.9+	861130 046	0.3-	0.5+	930128 675	0.6-	0.1+
691113 095	0.8+	1.2-	861201 046	0.1-	1.1+	930128 675	0.8+	1.4-
861129 046	1.3+	1.7-	861201 046	1.8-	0.3-	930128 877	1.5-	0.7-
861129 046	(1.1-	4.0-)	930117 877	1.6+	0.4+	930128 877	(4.0+	1.6+)
861130 046	1.0+	0.6+	930117 877	0.2-	1.5+			

1987 WU₂ = 1958 QC = 1989 AS₅Id. B. G. Marsden (*MPC* 15251), C. M. Bardwell

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Bardwell	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	149.53647	ω 58.28531	+0.98629916 -0.09981797
<i>a</i>	0.20390472	Ω 307.11381	+0.02416488 +0.87499645
<i>e</i>	2.8588050	<i>i</i> 9.47999	+0.16318711 +0.47372733
<i>P</i>	0.2853815	<i>H</i> 13.0	<i>G</i> 0.15
	4.83		

Residuals in seconds of arc

580822 760	1.3-	0.9+	871117 010	(3.0+	2.8-)	890110 413	(3.1+	1.2+)
580822 760	1.0+	0.5-	871117 010	0.2+	2.2-	890111 033	0.6+	0.3+
870827 095	(4.1+	5.1-)	871117 010	1.0+	1.5-	890111 033	0.8+	0.4+
870902 095	(0.5-	3.7+)	890104 413	2.1+	0.0	940307 691	0.7-	0.7-
870916 095	0.6-	1.7+	890104 413	(4.1+	0.6-)	940307 691	0.6-	0.1+
870920 095	0.2-	1.0+	890110 413	1.2-	1.2+	940307 691	0.4-	0.0

1988 GB

Id. R. H. McNaught (1994 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	88.69752	ω 222.38980	-0.44799396 +0.88551717
<i>a</i>	0.35516567	Ω 21.89524	-0.70588537 -0.26582376
<i>e</i>	1.9747649	<i>i</i> 19.27992	-0.54865951 -0.38104733
<i>P</i>	0.3328507	<i>H</i> 16.5	<i>G</i> 0.15
	2.78		

Residuals in seconds of arc

880319 675	0.2+	0.8+	880510 675	0.1-	0.9-	880614 474	0.7+	1.9+
880319 675	1.2+	0.2+	880513 675	1.2+	0.7+	880714 474	0.9-	0.9-
880412 675	1.0-	1.4-	880519 688	1.7-	0.8-	880714 474	1.2+	2.1-
880412 675	0.3+	0.9-	880519 688	1.8-	0.7-	940725 413	0.9-	1.1+
880414 675	0.2+	0.3-	880521 474	1.6-	1.5+	940725 413	0.2+	0.5+
880418 801	1.6+	0.3+	880521 474	1.1-	1.3+	940815 413	0.2-	0.2-
880418 675	1.2+	1.2+	880605 474	1.0+	0.9-	940815 413	0.2-	0.4-
880509 675	0.3-	0.1-	880605 474	2.0+	0.1+			
880509 568	1.8-	0.3-	880614 474	0.9+	1.9+			

1989 QF

Id. R. H. McNaught (1994 observations), G. V. Williams (1994 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	90.69680	ω 239.48095	-0.71450886 +0.69939668
<i>a</i>	0.79779078	Ω 344.87258	-0.61605541 -0.64109777
<i>e</i>	1.1513571	<i>i</i> 3.93892	-0.33159134 -0.31597140
<i>P</i>	0.4128042	<i>H</i> 18.0	<i>G</i> 0.15
	1.24		

Residuals in seconds of arc

890831 675	(2.7-	0.7-)	890908 675	0.4-	0.8+	940113 691	0.6-	0.2+
890901 675	1.1-	0.1-	890908 675	1.2-	0.3-	940113 691	0.2-	0.0
890904 675	0.1+	1.8-	890908 372	1.8+	0.1-	940113 691	0.3+	0.2+
890905 675	1.3-	2.0-	890908 372	(3.3-	1.0-)	940725 413	0.4-	0.2+
890905 675	2.3-	2.4+	890923 413	2.4+	1.3+	940725 413	0.3-	0.5+
890907 413	1.5+	0.3+	890927 675	(3.8+	0.5+)	940726 413	0.5+	0.4+
890907 413	0.7+	0.1-	890927 675	0.7-	1.7-	940726 413	0.8+	0.0
890907 413	1.1+	0.6+	891021 413	0.5+	0.6+			

1990 HL₁

Id. R. H. McNaught (1975 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Bardwell	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	53.28034	ω 0.93809	-0.48173014 +0.81296062
<i>a</i>	0.26594331	Ω 240.33188	-0.80643965 -0.55735239
<i>e</i>	2.3948409	<i>i</i> 22.11795	-0.34291568 +0.16868120
<i>P</i>	0.2743618	<i>H</i> 14.5	<i>G</i> 0.15
	3.71		

Residuals in seconds of arc

750312 413 0.6- 0.2-	900518 675 0.1+ 1.5-	900628 413 1.1- 0.0
750312 413 0.3+ 0.7-	900519 675 0.5+ 0.4+	900628 413 0.4- 0.0
900428 413 (1.0- 2.9+)	900519 675 1.1+ 0.3+	900629 413 0.8+ 2.2+
900428 413 1.0- 1.4+	900519 413 0.2- 0.9-	900629 413 1.2- 0.0
900429 413 1.1- 1.4+	900519 413 0.7+ 0.3+	940804 801 0.2+ 0.7-
900429 413 1.4- 1.2+	900523 675 0.9+ 1.8-	940804 801 1.2- 0.4-
900518 675 0.5+ 1.1-	900523 675 0.7+ 0.8-	940808 801 1.3+ 0.5+

1990 QJ₅ = 1990 SM₄ = 1990 SM₂₆ = 1992 EB₁₁Id. S. Nakano (d, *MPC* 17178; d, *MPC* 20912), G. V. Williams

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	0.26830604	ω 0.10040	+0.93989676 -0.34107169
<i>a</i>	2.3807607	Ω 19.86549	+0.31324893 +0.84232412
<i>e</i>	0.2113427	<i>i</i> 2.74156	+0.13590138 +0.41732502
<i>P</i>	3.67	<i>H</i> 15.0	<i>G</i> 0.15

Residuals in seconds of arc

900816 809 0.5+ 0.3+	900826 809 0.2- 0.1-	900914 675 0.1+ 0.7-
900816 809 0.6+ 0.4+	900826 809 0.3- 0.9-	900916 400 (6.7+ 4.8+)
900816 809 0.7- 0.0	900827 675 0.4- 1.0-	900916 400 (6.3+ 4.7+)
900820 809 2.0+ 1.1-	900827 675 0.7- 0.8+	900919 675 0.5+ 0.9-
900820 809 0.7+ 0.9-	900913 809 1.7- 0.2+	900919 675 1.7+ 0.1-
900820 809 0.1+ 0.8-	900913 809 1.0- 0.4+	900921 095 1.9+ 0.6+
900823 675 0.9- 1.9+	900913 809 0.2- 0.1+	920306 809 0.8- 0.2-
900823 675 1.0- 1.5+	900914 809 1.1- 0.6+	920308 809 0.2+ 0.2+
900825 675 0.1+ 0.8-	900914 809 0.4- 0.5+	920309 809 0.6+ 0.2+
900825 675 0.6+ 0.5+	900914 809 0.1- 0.4+	
900826 809 0.0 0.1+	900914 675 0.3+ 0.7-	

1990 QB₉ = 1992 DW₈

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	0.28119101	ω 240.58590	+0.88542939 -0.46005684
<i>a</i>	2.3074649	Ω 146.67865	+0.45711499 +0.83630771
<i>e</i>	0.1918924	<i>i</i> 6.90567	+0.08402784 +0.29822327
<i>P</i>	3.51	<i>H</i> 16.0	<i>G</i> 0.15

Residuals in seconds of arc

900816 809 0.0 1.1+	900818 809 0.6- 0.6+	900826 809 0.8- 0.7+
900816 809 0.3- 0.4+	900824 809 1.8+ 0.5-	900826 809 0.3- 0.4+
900816 809 0.3- 0.3-	900824 809 0.8+ 1.2-	920229 809 1.4- 0.5+
900818 809 1.1+ 0.0	900824 809 0.5+ 1.2-	920303 809 0.5+ 1.0-
900818 809 0.1+ 0.6-	900826 809 1.9- 0.4+	920307 809 0.9+ 0.2+

1990 QN₉ = 1992 EL₁₂ = 1993 OU₁₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	0.28917881	ω 323.50838	-0.04993103 -0.99703991
<i>a</i>	2.2647750	Ω 129.27821	+0.93327784 -0.06742425
<i>e</i>	0.1112866	<i>i</i> 4.33167	+0.35566749 +0.03695115
<i>P</i>	3.41	<i>H</i> 14.5	<i>G</i> 0.15

Residuals in seconds of arc

900816 809 1.5+ 0.1+	900824 809 (3.1+ 0.1-)	920308 809 0.3+ 1.1-
900816 809 0.3+ 0.2-	900826 809 (3.1- 1.3+)	920309 809 0.0 0.3-

900816 809 0.9+ 0.3-	900826 809 (2.9- 2.2+)	920406 809 (4.8+ 1.4-)
900818 809 0.2+ 1.8-	900826 809 2.4- 2.0+	930719 809 0.2- 0.6+
900818 809 0.3- 1.8-	900916 675 0.5+ 1.5+	930719 809 0.0 0.5+
900818 809 1.4- 2.5-	900916 675 0.8- 1.7+	930719 809 0.1+ 0.0
900824 809 (2.7+ 0.9-)	920229 809 1.3+ 1.2+	
900824 809 2.3+ 0.7-	920306 809 2.0- 0.9-	

1990 RE₂ = 1986 PB₇ = 1992 EC₁₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	0.25576954	ω 193.32396	+0.87792843 -0.47851491
<i>a</i>	2.4579337	Ω 195.29644	+0.44474724 +0.82762645
<i>e</i>	0.1978174	<i>i</i> 3.53872	+0.17731767 +0.29335635
<i>P</i>	3.85	<i>H</i> 14.0	<i>G</i> 0.15

Residuals in seconds of arc

860812 095 0.1+ 0.3-	900918 095 0.8+ 0.3+	901022 675 0.7+ 0.9+
900914 675 0.8+ 0.9-	900918 095 (2.6+ 0.1+)	920302 809 0.1+ 0.9+
900914 675 1.0+ 1.5-	900920 675 (2.6- 1.2-)	920305 809 0.2+ 0.4-
900915 675 0.8- 1.6+	900920 675 1.7- 1.2+	920309 809 0.2- 2.1-
900915 675 1.9- 1.5+	900922 095 2.1- 0.5-	920407 809 0.9- 0.5-
900918 675 1.6+ 0.7-	900922 095 0.8+ 1.8-	
900918 675 1.4+ 2.1-	901022 675 0.1+ 0.8+	

1990 RX₈ = 1990 SB₂₇ = 1992 EY₁₇Id. S. Nakano (d, *MPC* 20912), G. V. Williams

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	69.26939	ω 110.79901	+0.99617506 +0.03521432
<i>a</i>	2.2000827	Ω 247.25366	-0.06217269 +0.92872584
<i>e</i>	0.1939085	<i>i</i> 4.97461	+0.06139881 +0.36909114
<i>P</i>	3.26	<i>H</i> 14.5	<i>G</i> 0.15

Residuals in seconds of arc

900913 675 0.5+ 0.9-	900917 675 0.4+ 0.3+	920303 809 0.2- 0.7-
900914 675 0.3- 0.1+	900918 675 0.2- 0.2+	920305 809 0.4- 0.2-
900914 675 0.7- 0.4-	900918 675 0.4- 0.5+	920308 809 0.5+ 0.6+
900917 675 0.1- 0.3-	900923 095 0.9+ 0.3+	

1990 SK₈ = 1992 EC₂₀

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	0.25802704	ω 268.65255	+0.94805608 -0.31031759
<i>a</i>	2.4435763	Ω 109.42214	+0.31330897 +0.87288096
<i>e</i>	0.1886785	<i>i</i> 4.25343	+0.05501961 +0.37653927
<i>P</i>	3.82	<i>H</i> 16.0	<i>G</i> 0.15

Residuals in seconds of arc

900914 809 0.2+ 1.1+	900922 809 0.7- 1.3-	900925 809 0.0 0.1+
900914 809 0.4- 0.0	900922 809 0.2+ 1.0-	920301 809 1.3+ 0.8-
900914 809 0.5- 0.3+	900925 809 0.7+ 0.9+	920304 809 1.2- 1.0+
900922 809 0.3+ 0.8-	900925 809 0.2+ 0.8+	

1990 UR = 1990 TQ₁₅ = 1971 SC₁ = 1986 QW₅ = 1992 EP₁₇Id. S. Nakano (d, *MPC* 20913), G. V. Williams

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	26.69848	ω 27.56268	+0.99535238 -0.09542377
<i>a</i>	0.26152247	Ω 337.90164	+0.08079411 +0.90071807
<i>e</i>	2.4217541	<i>i</i> 1.97411	+0.05240181 +0.42379388
<i>P</i>	0.2078777	<i>H</i> 14.0	<i>G</i> 0.15

Residuals in seconds of arc

710916 095	0.4-	2.8-	901013 095	(5.8+	3.4+)	920301 809	0.3+	0.5-
710927 095	2.5+	1.8-	901013 095	(3.8+	2.9-)	920303 809	0.7+	1.1-
860831 095	0.2-	0.3+	901023 017	1.1-	0.7-	920305 809	2.2-	1.0-
860908 095	0.5-	1.3+	901024 017	0.5+	2.4+			

1990 UQ₃ = 1992 EX₁₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	64.35536	ω 169.98972	+0.97673243 +0.21442014
<i>a</i>	0.27476380	Ω 177.61639	-0.20310785 +0.93115572
<i>e</i>	2.3433098	<i>i</i> 5.81744	-0.06885468 +0.29491189
<i>P</i>	0.1776511	<i>H</i> 15.5	<i>G</i> 0.15

Residuals in seconds of arc

901016 809	1.0-	0.4+	901020 809	0.4+	1.0+	901024 809	0.5-	0.7-
901016 809	0.8+	0.2-	901020 809	0.4-	1.2-	920302 809	0.2+	1.4+
901016 809	0.6+	0.7-	901024 809	0.3+	1.2+	920305 809	0.3-	0.3+
901020 809	0.7+	0.3+	901024 809	0.8-	0.2-	920309 809	0.1+	1.9-

1990 UL₁₁ = 1990 WM₉ = 1985 SO₄ = 1992 CE₅ = 1992 EP₁₈Id. B. G. Marsden (d, *MPC* 20606), G. V. Williams

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	311.71295	ω 315.06168	+0.84899385 -0.52555354
<i>a</i>	0.21518302	Ω 76.71747	+0.49924484 +0.76384643
<i>e</i>	2.7580198	<i>i</i> 3.22776	+0.17310123 +0.37460928
<i>P</i>	0.0806874	<i>H</i> 12.0	<i>G</i> 0.15

Residuals in seconds of arc

850920 095	0.8+	1.7-	901120 809	0.3-	1.1-	920205 372	(7.2+	1.4-)
901016 095	0.5+	1.6+	901120 809	0.4-	0.8-	920301 809	0.3-	0.4+
901016 095	0.2+	2.4+	901120 809	0.1-	0.4-	920304 809	0.0	0.3+
901023 095	0.1-	0.9-	920205 372	0.2-	0.9-	920404 809	0.2+	1.2-

1990 VK₅ = 1974 OG₁ = 1992 EZ₅

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	125.41421	ω 152.43861	+0.27834864 +0.95594950
<i>a</i>	0.26084694	Ω 133.55709	-0.90319638 +0.29351569
<i>e</i>	2.4259335	<i>i</i> 7.38754	-0.32673893 +0.00301444
<i>P</i>	0.1242485	<i>H</i> 14.0	<i>G</i> 0.15

Residuals in seconds of arc

740719 808	0.0	1.3+	901117 809	1.1+	0.6+	901121 809	2.1-	0.4-
740719 808	0.0	1.1-	901117 809	1.7-	0.2+	920302 809	0.6+	0.5+
901115 809	1.2-	0.3-	901117 809	0.8-	0.5+	920305 809	0.1+	0.4-
901115 809	1.7+	0.5+	901121 809	0.9+	0.7-	920307 809	0.3-	0.2+
901115 809	2.4+	0.7-	901121 809	0.4-	0.5+	920404 809	0.4-	0.1-

1990 WM₁ = 1992 EA₁₂

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	261.20551	ω 279.79655	+0.49875957 -0.86331568
<i>a</i>	0.19092048	Ω 139.98382	+0.83474258 +0.45454100
<i>e</i>	2.9869941	<i>i</i> 6.87533	+0.23333178 +0.21926815
<i>P</i>	0.1327807	<i>H</i> 14.5	<i>G</i> 0.15

Residuals in seconds of arc

901111 809	0.9+	0.1-	901118 809	0.4-	0.4-	901120 809	0.4-	0.8+
901111 809	0.9+	0.2-	901118 809	0.3+	0.6+	920306 809	0.1+	1.3-
901111 809	2.2-	0.5-	901120 809	0.2+	0.2+	920308 809	0.4+	0.3+
901118 809	1.2+	0.1-	901120 809	0.6-	0.4-	920309 809	0.5-	1.0+

1991 BY₂ = 1994 OA

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	334.98266	ω 75.55477	+0.75199089 -0.45010614
<i>a</i>	0.21928782	Ω 308.56955	+0.02018061 +0.74595137
<i>e</i>	2.7234937	<i>i</i> 38.02033	+0.65886451 +0.49087781
<i>P</i>	0.4671249	<i>H</i> 14.0	<i>G</i> 0.15

Residuals in seconds of arc

910116 327	0.0	0.8-	940720 413	0.8-	0.1+	940804 046	0.2-	0.5-
910116 327	1.2+	0.8-	940725 413	0.4+	0.0	940805 046	0.5-	1.0-
910119 675	1.0-	0.8+	940725 413	0.3+	0.0	940805 046	0.6-	1.8-
910122 675	0.0	1.1+	940726 413	0.7+	0.0	940805 046	0.8-	1.2-
910122 675	0.4+	0.8-	940726 413	0.8+	0.1-	940811 111	0.7+	1.3+
910209 675	0.4-	0.9+	940802 670	0.4+	0.6-	940811 111	(2.6+	0.3+)
910209 675	(3.4-	0.6+)	940802 670	0.1-	1.6+	940811 111	0.1+	0.3+
940616 413	0.1+	0.5+	940802 670	0.8-	1.7+	940811 111	(1.1-	2.8-)
940717 413	(3.0-	1.2+)	940804 046	0.2-	0.3-			
940717 413	0.4+	0.2+	940804 046	0.4-	0.2+			

1991 EN = 1994 NH₁

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	1.62890	ω 1.82222	+0.36037474 +0.87725092
<i>a</i>	0.08510145	Ω 289.40828	-0.86003075 +0.18082682
<i>e</i>	5.1189167	<i>i</i> 19.64669	-0.36121621 +0.44467121
<i>P</i>	0.0255010	<i>H</i> 10.0	<i>G</i> 0.15

Residuals in seconds of arc

910306 413	1.6+	0.2+	910405 413	0.4-	0.7+	940707 675	0.7+	0.2+
910310 413	0.9-	0.3-	910513 413	0.1-	1.1-	940707 675	0.9-	0.4+
910312 413	0.0	0.3+	940704 675	0.7+	0.5-			
910324 413	0.2-	0.2+	940704 675	0.5-	0.1-			

1991 VM = 1994 PJ

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Urata	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	309.33038	ω 303.44871	+0.79003368 -0.60539743
<i>a</i>	0.28932852	Ω 93.99517	+0.58971871 +0.70735827
<i>e</i>	2.2639937	<i>i</i> 5.55970	+0.16756676 +0.36488113
<i>P</i>	0.1912763	<i>H</i> 14.0	<i>G</i> 0.15

Residuals in seconds of arc

911103 885	(0.4- 4.7-)	911111 399	0.5- 2.0+	911214 885	1.5+ 0.5+
911103 885	1.8+ 0.5-	911111 399	1.4- 0.7+	940802 905	1.2+ 0.3-
911105 885	0.9+ 0.6-	911112 885	0.2+ 0.3+	940802 905	0.8- 0.5+
911105 885	1.2+ 0.1-	911112 885	0.3+ 1.1-	940804 905	0.1- 1.0-
911109 399	2.3- 0.9+	911203 885	1.3+ 1.2-	940804 905	0.2- 0.5+
911109 399	2.1- 0.0	911203 885	0.7- 1.1-		

1992 AB

Id. R. H. McNaught (1993, 1994 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	145.32502	(2000.0)	<i>P</i>	Williams	<i>Q</i>
<i>n</i>	0.16558795	ω 55.69016	-0.61483915		-0.44249924
<i>a</i>	3.2843560	Ω 88.91476	+0.31340372		-0.89668345
<i>e</i>	0.5528172	<i>i</i> 40.76303	+0.72370639		+0.01237805
<i>P</i>	5.95	<i>H</i> 14.0	<i>G</i> 0.15		

Residuals in seconds of arc

920101 675	(1.2- 3.5-)	920112 413	0.1+ 0.1+	920304 801	0.0 0.9+
920101 675	0.9- 0.6-	920113 688	0.1+ 0.7+	920313 658	0.4- 1.1+
920104 675	0.7+ 0.6-	920113 688	0.1+ 0.4+	920313 658	0.3- 1.3+
920107 372	(3.5- 0.4-)	920203 801	0.5+ 0.7-	920728 658	0.1- 0.7+
920107 885	(5.2+ 2.7-)	920203 801	1.0+ 1.9-	920728 658	0.6- 0.5+
920107 885	1.8- 1.8+	920204 675	0.2- 0.9-	920728 658	0.3- 0.1-
920109 894	(0.4+ 2.9-)	920205 675	(0.3- 2.9-)	930701 413	0.5+ 0.1-
920109 372	(3.1- 2.0-)	920205 675	1.4- 0.3-	930701 413	0.3+ 0.0
920110 688	0.5- 0.7+	920206 801	0.1- 0.1-	940725 413	0.8- 1.1+
920110 688	0.5- 0.6+	920206 801	0.1- 0.2-	940725 413	0.8+ 0.3+
920110 413	1.9+ 0.8-	920207 801	0.2- 0.1-		
920111 413	0.9+ 0.2+	920207 801	0.3- 0.1+		

1992 DA₆ = 1981 JH₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	222.87155	(2000.0)	<i>P</i>	Williams	<i>Q</i>
<i>n</i>	0.26126900	ω 44.76357	-0.99580489		+0.08923416
<i>a</i>	2.4233202	Ω 140.34286	-0.09029709		-0.92254780
<i>e</i>	0.1302543	<i>i</i> 1.81791	-0.01480044		-0.37542351
<i>P</i>	3.77	<i>H</i> 13.5	<i>G</i> 0.15		

Residuals in seconds of arc

810505 675	0.6+ 2.4-	920229 809	0.0 0.2-	920406 809	0.1+ 0.4+
810506 675	1.1- 1.1+	920303 809	0.3- 0.0		
810510 675	0.5+ 1.2+	920307 809	0.3+ 0.0		

1992 DL₇ = 1982 DJ₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	23.73098	(2000.0)	<i>P</i>	Williams	<i>Q</i>
<i>n</i>	0.19922487	ω 217.88739	+0.83162159		+0.55393566
<i>a</i>	2.9034009	Ω 108.43046	-0.49880387		+0.77633619
<i>e</i>	0.0683774	<i>i</i> 2.38667	-0.24413160		+0.30076139
<i>P</i>	4.95	<i>H</i> 13.5	<i>G</i> 0.15		

Residuals in seconds of arc

820220 033	0.2- 0.0	820221 033	1.2+ 0.7-	920303 809	0.4- 0.3+
820220 033	0.5- 0.1-	820221 033	0.5- 0.6+	920307 809	0.0 0.2-
820220 033	0.0 0.2+	920229 809	0.4+ 0.1-		

1992 DP₈ = 1980 WK₄ = 1984 SW₄ = 1989 UE₁₀

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	59.89864	(2000.0)	<i>P</i>	Williams	<i>Q</i>
<i>n</i>	0.20983042	ω 113.25430	+0.64567612		+0.76256111
<i>a</i>	2.8047259	Ω 197.15058	-0.74080744		+0.61281518
<i>e</i>	0.2773546	<i>i</i> 7.80311	-0.18522065		+0.20726336
<i>P</i>	4.70	<i>H</i> 14.0	<i>G</i> 0.15		

Residuals in seconds of arc

801129 675	0.6- 0.3+	891021 400	1.8+ 0.6-	920404 691	0.2- 0.3-
801201 675	0.5+ 1.4+	920229 809	0.3- 0.3+	920404 691	0.1- 0.8-
840923 071	0.2- 1.0+	920303 809	1.0+ 0.2+	920404 691	0.1+ 0.6-
840923 071	0.0 0.1-	920305 809	0.0 0.1+		
891021 400	1.3- 1.6-	920308 809	0.7- 0.3+		

1992 DA₉ = 1989 GG₁ = 1993 RE₂

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	141.32354	(2000.0)	<i>P</i>	Williams	<i>Q</i>
<i>n</i>	0.29674794	ω 298.28265	+0.61507760		+0.78813393
<i>a</i>	2.2260978	Ω 9.77428	-0.66789307		+0.53623573
<i>e</i>	0.1770964	<i>i</i> 7.75268	-0.41904463		+0.30215254
<i>P</i>	3.32	<i>H</i> 14.0	<i>G</i> 0.15		

Residuals in seconds of arc

890403 809	0.0 0.5-	890408 809	0.5- 0.4+	930915 400	1.0+ 0.2+
890403 809	0.0 1.0-	890408 809	0.1+ 0.9+	930916 400	0.4+ 0.7+
890403 809	0.2+ 0.3-	920229 809	1.3- 1.1-	930916 400	0.8+ 0.7+
890405 809	(4.8+ 1.4-)	920303 809	0.4+ 0.3+	930919 400	(3.9- 0.1-)
890405 809	(4.7+ 1.8-)	920307 809	0.7+ 0.9+	930919 400	1.3- 0.9-
890405 809	(4.5+ 1.4-)	920406 809	0.4+ 0.3+		
890408 809	0.2+ 0.4+	930915 400	1.1- 0.5-		

1992 DB₉ = 1986 TW₅

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	94.32656	(2000.0)	<i>P</i>	Williams	<i>Q</i>
<i>n</i>	0.26463610	ω 306.68006	+0.74479340		+0.66680636
<i>a</i>	2.4027209	Ω 11.57378	-0.56442271		+0.64992575
<i>e</i>	0.1051469	<i>i</i> 7.31237	-0.35596321		+0.36464477
<i>P</i>	3.72	<i>H</i> 13.0	<i>G</i> 0.15		

Residuals in seconds of arc

861009 046	(4.0- 2.7-)	861010 046	0.8+ 0.3+	920307 809	0.7+ 0.7+
861009 046	0.8- 0.3-	920229 809	1.0- 0.8-	920406 809	0.1- 0.2-
861010 046	(3.0+ 1.4+)	920303 809	0.4+ 0.2+		

1992 DB₁₀ = 1977 RN₁₃ = 1993 KT₂

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	14.38726	(2000.0)	<i>P</i>	Williams	<i>Q</i>
<i>n</i>	0.16874604	ω 111.15852	+0.53461257		+0.84485695
<i>a</i>	3.2432492	Ω 191.22528	-0.80868898		+0.50451091
<i>e</i>	0.0734687	<i>i</i> 5.94219	-0.24538041		+0.17800416
<i>P</i>	5.84	<i>H</i> 14.0	<i>G</i> 0.15		

Residuals in seconds of arc

770909 675	0.7+ 0.7+	920308 809	0.6+ 1.0-	930613 691	0.2+ 0.2-
770910 675	0.8- 0.3-	920407 809	0.6+ 0.5-	930613 691	0.2+ 0.2+
920229 809	1.2- 0.3+	930524 691	0.2- 0.4+	930613 691	0.3+ 0.1-

920303 809 0.3+ 0.2+ 930524 691 0.3- 0.0
 920305 809 0.1- 1.3+ 930524 691 0.2- 0.1-

1992 EW₇ = 1989 ND

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Williams
 M 110.37932 (2000.0) P Q
 n 0.25315571 ω 53.40637 +0.39215734 +0.91972527
 a 2.4748235 Ω 239.69164 -0.85045019 +0.35509346
 e 0.1616598 i 1.18367 -0.35063811 +0.16737403
 P 3.89 H 13.5 G 0.15

Residuals in seconds of arc

890701 675 0.4- 0.2- 890704 675 0.2- 0.2+ 920307 809 0.5+ 1.2-
 890701 675 0.3- 0.5- 920302 809 0.3- 0.5- 920406 809 0.4+ 1.3+
 890704 675 1.0+ 0.4+ 920304 809 0.6- 0.4+

1992 EW₉ = 1971 BZ₂

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Williams
 M 1.90296 (2000.0) P Q
 n 0.23668957 ω 210.11192 +0.98877837 -0.09972243
 a 2.5883121 Ω 154.87311 +0.11744889 +0.97905738
 e 0.1240232 i 15.18616 -0.09232056 +0.17748828
 P 4.16 H 11.5 G 0.15

Residuals in seconds of arc

710127 805 0.0 0.4+ 920302 809 0.3- 0.2+ 920307 809 0.2- 0.3+
 710129 805 0.0 0.4- 920304 809 0.4+ 0.4- 920404 809 0.0 0.0

1992 EZ₉ = 1992 EV₃ = 1985 PO₁ = 1989 OY

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Williams
 M 132.66626 (2000.0) P Q
 n 0.22726686 ω 59.40542 -0.55200297 +0.83383373
 a 2.6593693 Ω 177.08189 -0.78801836 -0.52019373
 e 0.0205507 i 4.21950 -0.27261656 -0.18471545
 P 4.34 H 13.0 G 0.15

Residuals in seconds of arc

850814 010 1.2- 2.0- 890729 675 0.6+ 0.2+ 920313 493 (7.2+ 3.8-)Y
 850816 010 0.4+ 3.1+ 920302 809 0.3- 0.1+ 920313 493 (9.7+ 5.9-)Y
 850824 010 0.2+ 0.4+ 920304 809 0.2- 0.2- 920406 809 0.7+ 1.6+
 890729 675 0.6- 0.5- 920307 809 0.2+ 0.1-

1992 ED₁₁ = 1977 RX₂ = 1982 YV₁ = 1986 WX₅

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Williams
 M 312.38398 (2000.0) P Q
 n 0.23273627 ω 62.47214 +0.60776686 -0.79369684
 a 2.6175400 Ω 349.97668 +0.66629382 +0.52733605
 e 0.0823509 i 8.51904 +0.43205555 +0.30325240
 P 4.23 H 13.5 G 0.15

Residuals in seconds of arc

770909 675 0.9- 0.3- 861128 010 0.1+ 0.8- 920224 691 0.0 1.0-
 770909 095 0.4+ 1.2+ 861202 010 0.6+ 0.4- 920306 809 0.1+ 0.6+
 770910 675 0.5+ 1.0- 861203 010 0.7- 0.5- 920308 809 0.1- 0.9+
 821224 095 0.4+ 2.6+ 861203 010 1.1+ 0.1- 920309 809 0.1+ 1.1+
 861127 010 (3.4+ 0.9+) 920224 691 0.2- 0.5- 920406 809 0.6- 1.7-
 861127 010 0.4- 0.4- 920224 691 0.3- 0.8-

1992 EE₁₁ = 1981 ES₁

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Williams
 M 111.81210 (2000.0) P Q
 n 0.17894177 ω 133.35837 -0.68489177 +0.72788498
 a 3.1188530 Ω 93.38283 -0.67778702 -0.61966531
 e 0.1384857 i 1.90977 -0.26744725 -0.29359558
 P 5.51 H 13.0 G 0.15

Residuals in seconds of arc

810308 809 0.2- 0.0 810309 809 1.0+ 0.0 920224 691 0.4- 0.1-
 810308 809 0.0 0.1- 810310 809 0.3- 0.7+ 920224 691 0.1- 0.6-
 810308 809 0.2+ 0.3- 810310 809 0.1- 0.7+ 920306 809 0.1+ 0.2+
 810309 809 0.3- 0.1+ 810310 809 0.7- 0.4+ 920308 809 0.2+ 0.0
 810309 809 0.1+ 0.1+ 810310 809 0.9- 0.2- 920309 809 0.6+ 0.3+
 810309 809 0.4+ 0.2+ 810310 809 0.6- 0.4- 920406 809 0.2- 0.4-
 810309 809 0.7+ 0.1+ 810310 809 0.3- 0.6-
 810309 809 1.2+ 0.1+ 920224 691 0.5- 0.2-

1992 EX₁₇ = 1983 SM = 1990 SY₂₀

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Williams
 M 321.18835 (2000.0) P Q
 n 0.27318495 ω 230.98035 +0.37820838 -0.92486889
 a 2.3523298 Ω 196.92759 +0.88588942 +0.37404609
 e 0.1740036 i 7.83634 +0.26862307 +0.06860800
 P 3.61 H 13.0 G 0.15

Residuals in seconds of arc

830928 071 0.9+ 2.0+ 830929 071 1.6+ 0.1- 920303 809 0.7- 0.8-
 830928 071 (1.7- 2.8-) 830929 071 0.9+ 0.1+ 920305 809 0.1+ 0.3+
 830928 071 0.1- 0.9+ 830930 071 1.8- 0.7- 920308 809 0.6+ 0.6+
 830928 071 (3.1- 1.2-) 830930 071 0.0 0.7- 920407 809 0.1+ 0.2+
 830928 071 (4.5- 3.7-) 900919 801 0.1+ 0.1-
 830929 071 1.5- 1.3- 900919 801 0.1- 0.2+

1993 CL = 1951 WL₂ = 3294 T-2 = 1981 BN = 1987 CO

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5 Kinoshita
 M 183.98341 (2000.0) P Q
 n 0.17310655 ω 343.78428 +0.39047338 -0.91702574
 a 3.1885535 Ω 83.17394 +0.85347187 +0.32751570
 e 0.0361441 i 4.69119 +0.34513231 +0.22759013
 P 5.69 H 11.5 G 0.15

Residuals in seconds of arc

511129 711 0.1+ 0.6+ Y 810130 688 1.6- 2.0- 930213 885 0.8+ 0.5+
 730929 675 1.9+ 0.3- 870131 046 1.2+ 1.0+ 930213 365 1.9- 2.2+
 730929 675 1.2+ 0.6- 870201 046 1.2+ 0.6- 930214 365 (5.7- 3.3+)
 730930 675 1.4- 0.4- 870201 046 0.8+ 0.4+ 930214 365 (7.3- 6.1+)
 730930 675 1.1- 0.3- 870202 046 1.0- 1.6- 930214 885 1.2+ 0.7+
 731004 675 0.4- 2.7+ 870202 046 1.2- 0.5- 930214 885 0.3- 0.4-
 731004 675 0.3- 0.9+ 870203 046 0.6- 2.9+ 930317 365 0.4+ 0.7-
 731005 675 (5.0+ 0.4+) 870203 046 (8.4- 0.3+) 930317 365 (0.1+ 3.3-)
 731005 675 (4.5+ 1.0-) 930213 365 0.2- 0.4+
 810130 688 1.7+ 1.5- 930213 885 1.1+ 0.3-

1993 GD₁ = 1976 JA₃ = 1990 HH₂

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

			Williams					
<i>M</i>	(2000.0)		P			Q		
<i>n</i>	99.90892	ω	194.28119	-0.02875260	+0.99436059			
<i>a</i>	2.2636266	Ω	74.14798	-0.90637575	+0.01712642			
<i>e</i>	0.1780875	<i>i</i>	6.09143	-0.42149293	-0.10465994			
<i>P</i>	3.41	<i>H</i>	14.0	<i>G</i>	0.15			

Residuals in seconds of arc

760503 095	0.0	0.1-	930415 675	0.6+	0.2-	930421 033	0.1-	0.1+
900427 413	1.2+	0.0	930415 675	0.0	0.2-	930421 033	0.1-	0.2-
900427 413	0.6-	0.2+	930416 675	0.1+	0.0	930423 033	0.0	0.6+
900430 413	0.3+	0.0	930416 675	0.0	0.1-			
900430 413	0.9-	0.2-	930420 033	0.5-	0.0			

1993 HO₁

Id. R. H. McNaught (1979, 1994 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

			Williams					
<i>M</i>	(2000.0)		P			Q		
<i>n</i>	219.96460	ω	105.02745	-0.61274504	-0.78926521			
<i>a</i>	1.9871071	Ω	22.90561	+0.67978199	-0.55223761			
<i>e</i>	0.4166069	<i>i</i>	5.90606	+0.40303842	-0.26850335			
<i>P</i>	2.80	<i>H</i>	16.0	<i>G</i>	0.15			

Residuals in seconds of arc

790308 413	0.5-	0.8+	930430 413	0.3+	0.1+	930630 413	0.4+	0.1-
790308 413	1.1+	0.5+	930510 413	0.1+	0.1-	930701 413	0.3+	0.3-
930419 675	1.5-	0.5-	930510 413	0.1+	0.0	930701 413	0.5+	0.4-
930419 675	(4.8-	0.9-)	930510 413	0.3+	0.1-	930730 413	0.7-	0.3-
930420 413	0.5-	0.4+	930510 413	0.0	0.3-	930730 413	0.6+	0.2+
930420 413	0.2+	0.3-	930511 413	0.5+	0.1-	930731 413	0.6+	0.9+
930426 675	(2.5+	0.6+)	930511 413	0.2+	0.1-	930731 413	2.2-	1.1+
930426 675	1.0+	0.2-	930511 413	0.2+	0.0	940815 413	0.3+	0.0
930426 413	0.4-	0.1+	930511 413	0.3+	0.0	940815 413	0.1+	0.1+
930426 413	0.7-	0.3+	930525 413	0.2-	0.2+	940816 413	0.1+	0.3+
930429 413	0.4-	0.0	930526 413	0.3+	0.8-	940816 413	0.5-	0.1+

1993 JB₁ = 1970 EE₂ = 1989 GV₂ = 1991 VV₁₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

			Kinoshita					
<i>M</i>	(2000.0)		P			Q		
<i>n</i>	201.00975	ω	273.43817	-0.83287569	-0.54678311			
<i>a</i>	2.4144568	Ω	233.43405	+0.54066820	-0.77070741			
<i>e</i>	0.1795673	<i>i</i>	6.12599	+0.11830460	-0.32716711			
<i>P</i>	3.75	<i>H</i>	14.3	<i>G</i>	0.15			

Residuals in seconds of arc

700304 805	0.6-	1.4-	890405 809	0.6+	0.3+	930515 809	0.2+	1.2-
700304 805	0.4-	1.0-	890405 809	0.8+	0.7-	930515 809	0.3-	1.9-
700304 805	0.1+	0.3-	911113 399	0.3-	0.1+	930515 809	0.9+	1.4-
890403 809	0.2-	2.1+	911113 399	0.2+	0.7+	930523 809	0.9+	0.1-
890403 809	0.0	1.6+	930514 809	0.8-	0.1+	930523 809	0.4+	0.4+
890403 809	0.8-	1.9+	930514 809	0.3-	0.1+	930523 809	0.1+	0.7+
890405 809	0.6+	0.4-	930514 809	1.2-	0.4+			

1993 KM

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

			Williams					
<i>M</i>	(2000.0)		P			Q		
<i>n</i>	81.00434	ω	79.95237	-0.25273938	+0.96708588			
<i>a</i>	0.17735662	Ω	175.10206	-0.96630907	-0.25077053			
<i>e</i>	3.1374088	<i>i</i>	20.18213	-0.04867845	-0.04311669			
<i>P</i>	5.56	<i>H</i>	13.0	<i>G</i>	0.15			

Residuals in seconds of arc

930517 675	0.4+	2.4+	930617 693	0.6-	0.4-	930815 801	0.4+	0.8+
930517 675	(0.1-	2.5+)	930621 675	1.3+	2.1-	930815 801	0.8+	0.2-
930519 675	0.4+	0.3+	930621 675	0.7+	2.3-	930820 801	0.5-	0.1+
930519 675	1.7+	1.1+	930623 670	1.2+	0.8-	930820 801	0.8+	0.5+
930523 675	0.2-	0.9-	930623 670	0.3-	0.3-	930912 801	0.1-	0.9-
930523 675	0.9-	0.6-	930623 670	0.2-	0.1-	940725 413	0.2+	0.1-
930524 675	0.0	0.1-	930623 670	0.9-	0.6+	940725 413	0.5+	0.2-
930524 675	1.1+	0.7-	930624 675	(0.2+	2.7-)	940726 413	0.2-	0.2+
930616 693	0.5-	0.6-	930624 675	(0.6+	2.7-)	940726 413	0.1-	0.8-
930616 693	0.9-	1.2+	930716 801	0.1+	0.5+	940812 587	0.2+	1.0+
930617 801	0.5-	0.5+	930716 801	0.1+	0.7+	940812 587	0.6-	0.0
930617 801	0.4-	0.4+	930718 801	0.1-	0.3+			
930617 693	2.2-	0.2-	930718 801	0.2-	1.0+			

1993 SC

Id. M. R. Kidger (1994 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

			Williams					
<i>M</i>	(2000.0)		P			Q		
<i>n</i>	34.39173	ω	317.00926	+0.66493676	+0.74685248			
<i>a</i>	0.00397017	Ω	354.64841	-0.65853619	+0.58093000			
<i>e</i>	39.4999309	<i>i</i>	5.16405	-0.35240486	+0.32362278			
<i>P</i>	248.25	<i>H</i>	7.0	<i>G</i>	0.15			

Residuals in seconds of arc

930917 950	0.5-	0.3-	930921 950	0.7+	0.1-	931120 568	0.2+	0.6+
930918 950	0.6-	0.6-	930922 950	0.4+	0.1+	940815 950	0.1+	0.1-
930918 950	0.5-	0.5-	930923 950	0.5+	0.1-	940815 950	0.4+	0.1-
930919 950	0.9+	0.1+	930923 413	0.7-	0.1+	940815 950	0.2-	0.1-
930920 950	0.9-	0.2-	930923 413	0.8-	0.3-	940816 950	0.1-	0.1-
930920 950	0.9+	0.1+	931119 568	0.3+	0.6+	940816 950	0.3+	0.2+
930920 950	1.8-	0.6-	931119 568	0.5+	0.8+			
930921 950	0.9+	0.1-	931120 568	0.1+	0.7+			

1993 UC

Id. R. H. McNaught (1989 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

			Williams					
<i>M</i>	(2000.0)		P			Q		
<i>n</i>	51.26490	ω	322.95872	-0.64516324	-0.75679507			
<i>a</i>	0.25881004	Ω	166.13341	+0.76283011	-0.64577189			
<i>e</i>	2.4386453	<i>i</i>	25.98458	+0.04306530	+0.10119234			
<i>P</i>	0.6625239	<i>H</i>	15.5	<i>G</i>	0.15			

Residuals in seconds of arc

891028 413	0.3+	1.0+	940329 970	1.9+	1.3+	940420 540	0.8+	0.5+
891028 413	(3.2+	3.3+)	940329 970	(3.0-	2.0-)	940422 557	0.5-	0.2-
931020 413	(1.7-	3.6-)	940329 111	0.1+	0.1-	940422 557	0.5-	0.0
931023 413	0.8+	0.1+	940329 111	0.4+	0.4+	940423 557	0.4-	0.0

931024 474 1.0-	1.1-	940329 111 (1.3+	2.6-)	940423 557 0.3-	0.1-
931024 474 1.7-	0.9-	940329 111 0.7-	0.5+	940423 816 0.5-	0.4-
931024 474 1.7-	0.5-	940329 111 0.8+	0.4+	940423 816 0.2-	0.0
931025 413 1.2+	1.5-	940330 540 0.3+	0.6+	940423 540 0.5+	1.5+
931025 413 1.5+	0.3-	940330 540 0.3+	0.5+	940423 540 0.3-	0.5+
931025 474 1.3-	0.4-	940330 540 0.1-	0.5+	940423 540 0.7-	1.5+
931025 474 0.6-	0.2-	940330 540 0.1+	0.2+	940423 540 0.3-	1.9+
931026 413 0.6+	0.4+	940330 557 0.0	0.2+	940423 557 0.7-	0.0
931026 413 0.4+	0.6+	940330 557 0.1-	0.0	940424 557 0.3-	0.1+
931026 413 0.4+	0.6+	940330 557 0.1-	0.0	940424 557 0.5-	0.1-
931026 413 0.4+	0.5+	940331 557 0.1-	0.1-	940428 540 0.2+	0.5+
931026 413 0.1-	0.7+	940331 557 0.3-	0.1+	940428 540 0.5+	0.2-
931026 413 0.0	0.1+	940331 557 0.6-	0.3+	940428 540 0.5+	0.2-
931027 413 0.9+	0.2-	940331 557 0.4-	0.0	940428 540 0.3+	0.8-
931027 413 0.8+	0.4-	940331 557 0.3-	0.2+	940429 385 0.0	1.5-
931027 413 0.3+	1.5+	940402 557 0.1-	0.1+	940429 385 0.1-	1.0-
931027 413 0.3+	1.5+	940402 557 0.4-	0.1-	940429 385 0.2-	0.8-
931027 413 0.8+	0.9+	940402 557 0.5-	0.2-	940430 111 1.0-	0.4+
931027 413 0.7+	1.0+	940403 557 0.3-	0.3+	940430 111 0.7-	1.6-
931105 413 0.1+	0.9-	940403 557 0.1-	0.2-	940430 111 0.0	1.7-
931109 675 1.1+	2.5-	940403 557 0.1-	0.1+	940430 111 (0.6-	6.5+)
931109 675 1.5+	2.0-	940403 540 0.2+	0.1+	940501 540 0.6+	1.8-
931114 413 0.0	1.3-	940403 540 0.3+	0.3+	940501 540 0.8+	0.6-
931120 413 1.1-	0.3+	940403 540 0.1+	0.3+	940501 540 0.7+	0.3-
931120 413 1.3-	0.5+	940403 540 0.2-	0.1+	940501 540 0.3+	0.6-
931216 413 1.2-	0.1+	940403 540 0.3-	0.4+	940503 540 0.7+	0.3-
931217 413 0.4-	0.3-	940405 675 0.1+	1.2-	940503 540 0.6+	0.2+
940111 474 2.1-	0.4-	940405 675 0.7+	1.7-	940503 540 0.8+	0.1-
940111 474 2.0-	0.0	940405 540 0.1+	0.4+	940503 540 0.7+	0.3-
940112 474 (2.7-	0.2-)	940405 540 0.1+	0.2-	940508 540 1.0+	0.6+
940112 474 (3.5-	0.3-)	940405 540 0.1-	0.4+	940508 540 0.2+	0.6+
940116 413 1.6-	0.7-	940405 540 0.1+	0.2-	940508 540 0.4+	0.1+
940121 413 1.6-	0.6+	940406 557 0.0	0.0	940508 540 1.2+	0.9+
940121 413 1.6-	0.4+	940406 557 0.1-	0.2-	940510 801 0.0	0.4-
940122 413 (3.1-	0.4-)	940406 557 0.1-	0.0	940510 801 0.1+	0.2-
940122 413 (3.1-	0.3-)	940406 557 0.0	0.1-	940511 657 0.4+	0.2+
940123 413 0.6-	0.4-	940407 557 0.1-	0.1+	940511 657 0.4+	0.2+
940123 413 0.6-	0.1-	940407 557 0.1+	0.1-	940511 657 0.4+	0.1+
940215 474 1.0-	0.7+	940407 557 0.1+	0.0	940513 801 0.5-	0.4-
940215 474 1.2-	0.0	940407 557 0.1-	0.0	940513 801 0.2-	0.2-
940215 474 1.2-	0.3-	940407 540 0.2-	0.5+	940513 540 1.2+	0.2-
940220 413 0.0	0.4+	940407 540 0.4-	0.4+	940513 540 0.2+	0.5+
940220 413 0.1+	0.6+	940407 540 0.2-	0.4+	940513 540 1.7+	0.7+
940326 540 0.4+	0.2-	940407 540 0.1-	0.1+	940513 540 0.4+	0.3+
940326 540 0.5+	0.3-	940410 540 0.4+	0.5-	940609 801 0.4+	0.9-
940326 540 0.6+	0.3-	940410 540 0.4+	0.2+	940609 801 0.5+	0.1-
940326 540 0.3+	0.3-	940410 540 0.0	0.4-	940611 801 0.9+	0.1-
940326 540 0.7+	0.2-	940410 540 0.2+	0.3-	940611 801 0.7+	0.3+
940326 540 0.8+	0.0	940416 385 0.2+	0.2+	940701 540 1.2-	0.2+
940326 540 0.2+	0.1-	940416 385 0.2+	0.1-	940701 540 0.6-	0.0
940326 540 0.9+	0.1+	940416 385 0.1+	0.2+	940701 540 0.7+	0.9+
940327 540 0.8+	0.2-	940420 658 0.2-	0.1-	940704 658 0.1+	0.1+

940327 540 0.5+	0.2-	940420 658 0.6+	0.1-	940704 658 0.2-	0.2+
940327 540 0.2+	0.6-	940420 658 0.1+	0.3-	940704 658 0.2+	0.2+
940327 540 0.4+	0.2-	940420 540 0.5+	0.5+	940725 413 0.2-	0.3+
940327 540 0.4+	0.2-	940420 540 0.3+	0.0	940725 413 0.4-	0.3+
940327 540 0.6+	0.1+	940420 540 0.3+	0.5+		

1994 CB

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Williams

<i>M</i>	82.83069	(2000.0)	P	Q
<i>n</i>	0.80005388	ω 288.37172	-0.47678604	+0.84639012
<i>a</i>	1.1491848	Ω 310.76646	-0.64068600	-0.51942249
<i>e</i>	0.1450735	<i>i</i> 18.25721	-0.60182766	-0.11757565
<i>P</i>	1.23	<i>H</i> 21.0	<i>G</i> 0.15	

From 77 observations 1994 Feb. 3-Aug. 15, mean residual 0".67.

1994 CP = 1949 WD₁ = 1992 SK₂₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Kinoshita

<i>M</i>	132.37706	(2000.0)	P	Q
<i>n</i>	0.20537011	ω 261.88330	+0.79114120	-0.61059662
<i>a</i>	2.8451897	Ω 135.74007	+0.57933391	+0.72942709
<i>e</i>	0.0349012	<i>i</i> 2.92387	+0.19613213	+0.30839565
<i>P</i>	4.80	<i>H</i> 12.5	<i>G</i> 0.15	

Residuals in seconds of arc

491119 675 0.0	0.3-	940204 399 0.3+	0.4+	940211 399 1.5-	0.0
491119 675 0.2-	0.2-	940204 399 2.0-	0.8+	940211 399 0.8-	0.3-
920930 675 0.6-	0.1-	940205 399 0.5+	0.3-	940214 675 0.7+	0.4-
920930 675 0.4+	0.0	940205 399 1.1+	0.2+	940214 675 0.6+	0.1-
921003 675 0.3-	0.2-	940211 675 0.6+	0.5-		
921003 675 0.4+	0.7+	940211 675 0.6+	0.3+		

1994 CJ₁₁ = 1985 DV₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Williams

<i>M</i>	101.01391	(2000.0)	P	Q
<i>n</i>	0.21999206	ω 300.78021	-0.01852324	-0.98024289
<i>a</i>	2.7176783	Ω 148.39070	+0.99660301	-0.03390984
<i>e</i>	0.0966119	<i>i</i> 22.06934	+0.08024549	+0.19486921
<i>P</i>	4.48	<i>H</i> 14.0	<i>G</i> 0.15	

Residuals in seconds of arc

850220 675 0.8-	0.3+	940207 809 1.2-	0.4-	940212 809 0.2-	0.5+
850222 675 0.8+	0.3-	940209 809 1.8+	0.6+	940212 809 0.4-	0.1+
940207 809 0.2-	0.2+	940209 809 0.8+	0.4+	940212 809 0.8-	0.7-
940207 809 0.4-	0.3-	940209 809 0.4+	0.3-		

1994 CY₁₁ = 1992 SO₈

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Williams

<i>M</i>	81.82452	(2000.0)	P	Q
<i>n</i>	0.24052906	ω 89.80350	-0.22398802	-0.97447075
<i>a</i>	2.5606940	Ω 13.17038	+0.86520104	-0.20607990
<i>e</i>	0.2211566	<i>i</i> 3.86699	+0.44861624	-0.08909448
<i>P</i>	4.10	<i>H</i> 15.5	<i>G</i> 0.15	

Residuals in seconds of arc

920927 691 0.1+	0.0	940207 809 0.7+	0.4-	940212 809 0.8-	1.2-
920927 691 0.2-	0.3-	940207 809 0.3-	0.0	940212 809 0.8-	1.3-
920927 691 0.0	0.1+	940207 809 1.4-	0.7-	940212 809 1.7+	1.5-

920928 691 0.5+ 0.1+ 940209 809 1.6+ 2.2+ 940305 691 0.2+ 0.2-
 920928 691 0.1- 0.4- 940209 809 0.1- 2.2+ 940305 691 0.7- 0.7+
 920928 691 0.1- 0.1+ 940209 809 0.4- 0.5+ 940305 691 0.1+ 0.6-

1994 JD₁ = 1977 CL₂ = 1991 NJ₄

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Kinoshita

<i>M</i>	44.04598	(2000.0)	P	Q
<i>n</i>	0.29650134	ω 86.22657	-0.82714315	+0.55570194
<i>a</i>	2.2273319	Ω 127.51236	-0.54840877	-0.76551800
<i>e</i>	0.1387979	<i>i</i> 6.06742	-0.12280892	-0.32431089
<i>P</i>	3.32	<i>H</i> 14.2	<i>G</i> 0.15	

Residuals in seconds of arc

770211 675 0.1- 0.5+ 910710 809 0.9- 0.2+ 940507 400 (3.6- 0.1-)
 770212 675 0.2+ 0.1- 910710 809 0.4- 0.2+ 940513 400 1.4+ 0.9-
 910708 809 1.1+ 0.0 910711 809 1.0- 0.2+ 940513 400 0.5- 1.1-
 910708 809 1.4+ 0.2+ 910711 809 0.4- 0.2- 940514 400 0.6+ 0.0
 910708 809 1.7+ 0.2+ 910711 809 0.0 0.4- 940514 400 2.2- 1.3+
 910710 809 1.6- 0.1+ 940507 400 0.5+ 0.4+

1994 JO₁ = 1957 LJ = 1977 JZ = 1981 UD = 1981 VV

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Williams

<i>M</i>	13.59666	(2000.0)	P	Q
<i>n</i>	0.29394482	ω 223.69710	+0.52630961	+0.84038590
<i>a</i>	2.2402278	Ω 78.45988	-0.73932391	+0.52747265
<i>e</i>	0.2814600	<i>i</i> 7.59044	-0.41999805	+0.12459589
<i>P</i>	3.35	<i>H</i> 14.0	<i>G</i> 0.15	

Residuals in seconds of arc

570605 081 0.3- 1.1- 811102 801 3.5+ 2.0+ 940703 413 1.8+ 1.1+
 570606 081 0.1+ 0.3- 940507 413 (2.4+ 0.2-) 940704 413 0.4- 0.8+
 770515 095 (9.2- 2.3-) 940507 413 2.0- 0.6- 940704 413 0.8- 0.1+
 770518 095 (0.9+ 7.2+) 940509 413 0.9+ 0.6+ 940725 413 1.1- 0.4-
 811029 372 0.4- 3.1- 940509 413 (9.4- 1.0+) 940725 413 1.1- 0.3-
 811029 372 2.6- 0.1+ 940703 413 2.4+ 0.4-

1994 JS₁

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Bardwell

<i>M</i>	52.97718	(2000.0)	P	Q
<i>n</i>	0.23480076	ω 22.28368	-0.97701865	+0.20317603
<i>a</i>	2.6021743	Ω 168.84150	-0.20777956	-0.97527441
<i>e</i>	0.3517190	<i>i</i> 19.45367	+0.04756281	-0.08694434
<i>P</i>	4.20	<i>H</i> 14.0	<i>G</i> 0.15	

From 18 observations 1994 May 4-Aug. 9, mean residual 0^u.65.**1994 LX**

Id. R. H. McNaught (1977 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Williams

<i>M</i>	245.23267	(2000.0)	P	Q
<i>n</i>	0.69563499	ω 349.02697	-0.21557698	-0.80049658
<i>a</i>	1.2614841	Ω 111.34652	+0.93521269	-0.33399537
<i>e</i>	0.3463942	<i>i</i> 36.89964	+0.28089819	+0.49764677
<i>P</i>	1.42	<i>H</i> 15.0	<i>G</i> 0.15	

Residuals in seconds of arc

770810 413 0.9+ 0.3+ 940707 675 (0.7+ 6.0-) 940715 587 0.9+ 1.7-
 770810 413 0.2- 0.4+ 940712 360 0.3+ 0.3+ 940725 413 0.1+ 0.3+

940615 691 0.1- 0.3+ 940712 360 0.3+ 0.2+ 940725 413 0.2+ 0.3+
 940615 691 0.2+ 0.6+ 940713 046 0.0 0.3- 940726 413 0.0 0.2+
 940615 691 0.3+ 0.5+ 940713 046 0.3+ 0.1+ 940726 413 0.0 0.3+
 940616 691 1.3+ 0.2- 940713 046 0.2+ 0.3+ 940728 323 0.5- 1.5-
 940616 691 2.0- 1.0- 940713 046 0.3+ 0.3+ 940728 323 1.3- 0.4+
 940616 691 1.3- 0.4+ 940715 360 0.6+ 0.3- 940729 323 0.7- 0.1-
 940705 675 (0.8+ 3.0-) 940715 360 0.6+ 0.3- 940731 323 0.6- 0.3-
 940705 675 (0.5+ 2.8-) 940715 587 0.8+ 0.2- 940803 360 0.4- 0.4+
 940707 675 (1.4+ 7.0-) 940715 587 0.1- 0.0 940803 360 0.3- 0.5+

1994 LC₁

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Williams

<i>M</i>	2.13483	(2000.0)	P	Q
<i>n</i>	0.20829704	ω 316.10193	+0.87750507	+0.47602319
<i>a</i>	2.8184737	Ω 15.76766	-0.35930142	+0.73295893
<i>e</i>	0.5245435	<i>i</i> 12.36643	-0.31762768	+0.48597646
<i>P</i>	4.73	<i>H</i> 16.5	<i>G</i> 0.15	

From 29 observations 1994 June 15-Aug. 26, mean residual 0^u.34.**1994 NC = 1981 QA₄**

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Williams

<i>M</i>	290.05875	(2000.0)	P	Q
<i>n</i>	0.22364647	ω 236.87937	+0.72852535	-0.68317502
<i>a</i>	2.6879923	Ω 165.98751	+0.67705023	+0.70696135
<i>e</i>	0.1773992	<i>i</i> 11.97201	+0.10418158	+0.18296869
<i>P</i>	4.41	<i>H</i> 13.0	<i>G</i> 0.15	

Residuals in seconds of arc

810830 675 0.3+ 0.1+ 940705 595 0.1- 0.3+ 940805 595 0.1+ 0.4+
 810831 675 0.4- 0.0 940706 595 0.1- 0.5- 940805 595 0.0 0.1+
 940703 595 0.3- 0.4+ 940706 595 0.1- 0.3- 940807 595 0.2+ 0.5+
 940703 595 0.1- 0.9+ 940709 595 0.3- 0.6- 940807 595 0.3- 1.1-
 940705 595 1.0+ 0.1+ 940710 595 0.2+ 0.4-

1994 ND

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Williams

<i>M</i>	6.38368	(2000.0)	P	Q
<i>n</i>	0.30907286	ω 227.89870	+0.79238751	+0.41658722
<i>a</i>	2.1665172	Ω 102.83592	-0.33034669	+0.90715822
<i>e</i>	0.5160841	<i>i</i> 27.19635	-0.51282853	+0.05932156
<i>P</i>	3.19	<i>H</i> 18.0	<i>G</i> 0.15	

From 39 observations 1994 July 3-Aug. 17, mean residual 0^u.72.**1994 NP = 1987 WH₂ = 1990 OY₅ = 1990 QR₁₇**

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

Williams

<i>M</i>	2.35582	(2000.0)	P	Q
<i>n</i>	0.23489048	ω 45.02293	+0.54377949	+0.81104812
<i>a</i>	2.6015116	Ω 259.08393	-0.81846662	+0.45571652
<i>e</i>	0.1563516	<i>i</i> 12.68693	-0.18551618	+0.36677432
<i>P</i>	4.20	<i>H</i> 12.5	<i>G</i> 0.15	

Residuals in seconds of arc

871126 033 0.3+ 0.4+ 940710 552 0.1+ 0.1+ 940715 552 0.7- 0.3-
 871126 033 0.0 0.5+ 940710 552 0.6+ 0.5- 940715 552 0.3+ 0.1-
 900729 675 0.0 1.1- 940710 552 0.6+ 0.2+ 940715 552 1.4- 0.3+
 900729 675 1.9+ 0.9- 940710 552 0.1+ 0.8- 940730 552 0.1+ 0.2+

900826	095	1.4-	0.9+	940711	552	0.2-	0.1-	940730	552	0.5-	1.2+
940709	552	0.1-	0.3+	940711	552	0.2+	0.5-	940730	552	0.0	1.4+
940709	552	1.0+	0.8+	940711	552	0.3+	0.5+	940802	552	1.8-	0.9+
940709	552	0.6+	0.3+	940712	552	(5.5+	0.3-)	940802	552	0.4-	0.2-
940709	552	0.7+	0.2+	940712	552	(4.8+	0.3+)	940802	552	1.1-	2.4-
940710	552	0.8+	0.4+	940712	552	(4.9+	2.8-)				

1994 PC

Id. R. H. McNaught (1982, 1984 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams			
<i>M</i>	335.59384	(2000.0)	P	Q	
<i>n</i>	0.50191604	ω 256.53380	+0.92196912	-0.36287995	
<i>a</i>	1.5681298	Ω 124.58332	+0.38721305	+0.86943859	
<i>e</i>	0.3172483	<i>i</i> 9.45489	-0.00624560	+0.33525314	
<i>P</i>	1.96	<i>H</i> 17.0	<i>G</i> 0.15		

Residuals in seconds of arc

820501	413	0.6-	0.3+	940806	670	1.5-	0.2+	940815	413	0.2-	0.2+
820501	413	1.7+	0.3-	940806	670	0.0	0.6+	940815	360	0.3-	0.2+
840530	413	1.6-	0.0	940806	675	1.8-	0.8-	940815	360	0.2-	0.2+
840530	413	0.7+	0.6+	940806	675	0.8-	0.2+	940815	413	0.2-	0.2+
940801	675	1.3-	1.3-	940807	670	1.3+	1.6+	940815	413	0.2-	0.1+
940801	675	(0.3-	3.2-)	940807	670	0.3+	0.7-	940816	413	0.2-	0.1+
940803	675	1.8+	0.1-	940807	670	0.5-	0.6+	940816	413	0.3-	0.0
940803	675	1.7+	1.9-	940808	587	0.2-	0.7-	940817	413	0.5-	0.1+
940804	675	1.1+	2.0-	940811	587	0.9+	0.2+	940817	413	0.6-	0.2+
940804	675	0.9+	1.1-	940811	111	0.6+	1.8+	940826	413	0.4+	0.6-
940806	670	0.8-	0.6+	940811	587	0.9+	0.2+	940826	413	0.3+	0.4-
940806	670	0.0	0.5+	940811	111	0.0	2.0+	940827	413	0.2+	0.4-
940806	670	0.6-	0.1+	940815	413	0.2-	0.3+	940827	413	0.2+	0.4-

1994 PM

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		(M-N) Williams			
<i>M</i>	342.96755	(2000.0)	P	Q	
<i>n</i>	0.54817794	ω 303.26765	+0.08961190	-0.97614779	
<i>a</i>	1.4786147	Ω 140.08679	+0.98517932	+0.05771895	
<i>e</i>	0.7526260	<i>i</i> 17.95089	+0.14625806	+0.20929407	
<i>P</i>	1.80	<i>H</i> 17.5	<i>G</i> 0.15		

From 82 observations 1994 Aug. 1-17, mean residual 0".62.

1994 PC₁

Id. R. H. McNaught (1974, 1977, 1980 observations)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		Williams			
<i>M</i>	146.77336	(2000.0)	P	Q	
<i>n</i>	0.63135768	ω 47.54893	-0.86007582	-0.15077910	
<i>a</i>	1.3457129	Ω 117.98654	+0.11994709	-0.98831234	
<i>e</i>	0.3278214	<i>i</i> 33.49872	+0.49586518	-0.02245827	
<i>P</i>	1.56	<i>H</i> 16.0	<i>G</i> 0.15		

Residuals in seconds of arc

740922	413	0.4-	0.8-	940815	413	0.5-	0.4+	940817	413	0.6+	0.2+
740922	413	0.7+	0.3-	940815	413	0.5-	0.4+	940817	413	0.7+	0.0
770819	413	0.3-	2.0+	940815	413	0.4-	0.1+	940817	413	0.4+	0.2+
770819	413	(0.1+	5.0-)	940815	413	0.5-	0.3+	940817	413	0.3+	0.1+
800711	413	0.1-	0.5-	940815	413	0.2-	0.0	940826	413	0.2+	0.4-
940809	413	(50.7+	68.2+)	940815	413	0.2-	0.0	940826	413	0.1-	0.5-

940809	413	(4.4-	3.0+)	940816	413	0.2-	0.1+	940826	413	0.1+	0.3-
940810	413	(1.7-	3.8-)	940816	413	0.1+	0.3+	940826	413	0.2-	0.5-
940810	413	(6.2-	6.7-)	940816	413	0.2+	0.1-	940827	413	0.0	0.5-
940815	413	0.2-	0.0	940816	413	0.5+	0.0	940827	413	0.1-	0.5-
940815	413	0.5-	0.0	940816	413	0.1+	0.1+				
940815	413	0.2-	0.0	940816	413	0.3+	0.1-				

2025 P-L = 1992 EQ₂₁

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		(2000.0)		Williams	
<i>M</i>	107.12808	(2000.0)	P	Q	
<i>n</i>	0.17236066	ω 229.85319	-0.65201683	+0.75820280	
<i>a</i>	3.1977460	Ω 359.44524	-0.63544858	-0.54760670	
<i>e</i>	0.1844570	<i>i</i> 9.54240	-0.41361717	-0.35391443	
<i>P</i>	5.72	<i>H</i> 11.5	<i>G</i> 0.15		

Residuals in seconds of arc

600924	675	0.5+	0.6+	601022	675	0.2+	0.1+	920307	809	0.3+	0.1+
600926	675	0.0	0.8-	601025	675	0.2+	0.6-	920406	809	0.0	0.2-
600928	675	0.0	0.6-	601026	675	0.9+	0.3-				
601017	675	1.6-	1.6+	920305	809	0.3-	0.0				

4049 P-L = 1992 DC₉

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		(2000.0)		Williams	
<i>M</i>	247.59205	(2000.0)	P	Q	
<i>n</i>	0.16909874	ω 216.69079	+0.62696296	-0.77826901	
<i>a</i>	3.2387379	Ω 194.58920	+0.74361393	+0.61118581	
<i>e</i>	0.1135259	<i>i</i> 7.95362	+0.23228380	+0.14404601	
<i>P</i>	5.83	<i>H</i> 13.0	<i>G</i> 0.15		

Residuals in seconds of arc

600924	675	0.0	0.0	601017	675	0.0	0.1+	601026	675	0.1+	1.1-
600925	675	0.9-	0.0	601017	675	0.0	0.9+	920229	809	0.5+	0.2+
600926	675	0.2-	0.3-	601022	675	0.0	0.3-	920303	809	0.1-	0.1+
600928	675	1.0+	0.0	601024	675	0.1+	0.8+	920305	809	0.3-	0.2-

4637 P-L = 1992 EE₁₀

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		(2000.0)		Williams	
<i>M</i>	36.91121	(2000.0)	P	Q	
<i>n</i>	0.29425430	ω 215.94346	+0.94588541	-0.32333252	
<i>a</i>	2.2386567	Ω 162.85806	+0.31524346	+0.89548661	
<i>e</i>	0.1570500	<i>i</i> 5.35586	+0.07695686	+0.30587550	
<i>P</i>	3.35	<i>H</i> 16.0	<i>G</i> 0.15		

Residuals in seconds of arc

600924	675	0.2-	0.1-	601022	675	0.8-	0.1+	920304	809	0.3+	0.1-
600926	675	0.5+	0.1-	601025	675	0.2+	0.4-	920307	809	0.9-	0.5+
600927	675	0.0	0.1-	601026	675	0.8+	0.3-				
601017	675	0.5-	0.8+	920302	809	0.5+	0.3-				

4837 P-L = 1977 RJ₁₀

Id. E. Bowell (MPC 17974)

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

		(2000.0)		Marsden	
<i>M</i>	148.03425	(2000.0)	P	Q	
<i>n</i>	0.17212040	ω 183.19423	-0.97628658	+0.21647948	
<i>a</i>	3.2007210	Ω 9.30832	-0.19847092	-0.89306631	
<i>e</i>	0.1498072	<i>i</i> 0.38071	-0.08645122	-0.39442261	
<i>P</i>	5.73	<i>H</i> 13.5	<i>G</i> 0.15		

Residuals in seconds of arc

551025	675	0.1+	0.4-	600927	675	0.4+	0.3+	770910	675	0.3+	0.9-
600924	675	0.1+	0.5+	600927	675	1.2+	0.7+	920330	033	0.3+	0.2-
600924	675	1.2-	1.1-	600928	675	0.5-	0.7+	920331	033	0.6-	0.3-
600926	675	0.1+	0.0	600928	675	0.5-	0.2-	920402	033	0.5-	0.2+
600926	675	0.0	0.2+	770909	675	0.4+	0.5-	920403	033	0.5+	0.2-

6188 P-L = 1992 ET₁₃ = 1993 OV₁₃

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	281.97290		(2000.0)	P	Q
<i>n</i>	0.29527879	ω	281.45335	-0.84707089	-0.53075205
<i>a</i>	2.2334756	Ω	226.49752	+0.50134837	-0.78058752
<i>e</i>	0.1118630	<i>i</i>	2.19695	+0.17641065	-0.33012935
<i>P</i>	3.34	<i>H</i>	14.5	<i>G</i>	0.15

Residuals in seconds of arc

600924	675	0.2+	0.4+	601022	675	0.6+	0.3+	920309	809	0.6-	1.3-
600925	675	0.1-	0.1-	601026	675	0.2+	0.3+	930724	691	0.2-	0.1+
600926	675	0.3+	0.5-	920302	809	0.4+	0.7+	930724	691	0.6+	0.2-
600928	675	0.9-	0.8-	920305	809	0.1+	0.1+	930724	691	0.4-	0.0

6303 P-L = 1992 EO₁₇

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	274.91152		(2000.0)	P	Q
<i>n</i>	0.20189653	ω	248.83215	+0.31846040	-0.94793447
<i>a</i>	2.8777307	Ω	182.60000	+0.88372741	+0.29757361
<i>e</i>	0.0170008	<i>i</i>	2.26679	+0.34294146	+0.11344686
<i>P</i>	4.88	<i>H</i>	13.5	<i>G</i>	0.15

Residuals in seconds of arc

600924	675	0.6-	0.4-	601022	675	0.2+	0.5-	920303	809	1.4+	0.0
600925	675	0.5+	0.1+	601024	675	0.4+	0.9+	920305	809	0.9-	0.3+
600926	675	0.4+	0.5-	601025	675	0.5-	0.4-	920309	809	1.2-	0.4-
600928	675	0.1+	0.4-	601026	675	0.1+	1.4+	920407	809	0.1-	1.2-
601017	675	0.2+	1.5-	601026	675	0.1-	0.3-				
601022	675	0.4-	0.9+	920301	809	0.5+	0.5+				

2198 T-1 = 1994 CC₁₁

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	71.05367		(2000.0)	P	Q
<i>n</i>	0.17002372	ω	23.65986	-0.30119157	-0.95226268
<i>a</i>	3.2269807	Ω	83.89941	+0.86668934	-0.29515457
<i>e</i>	0.1409598	<i>i</i>	2.87043	+0.39765969	-0.07797162
<i>P</i>	5.80	<i>H</i>	14.0	<i>G</i>	0.15

Residuals in seconds of arc

710324	675	2.5-	0.8-	940207	809	0.6-	0.2-	940212	809	0.4+	0.4+
710325	675	0.3-	0.3+	940207	809	1.3-	0.4+	940212	809	0.2+	0.1-
710325	675	2.2+	0.4-	940207	809	2.1-	0.9-	940212	809	0.3-	0.2+
710326	675	0.3-	0.9+	940209	809	2.4+	0.1+	940305	691	0.4-	0.0
710327	675	0.9-	0.2+	940209	809	0.8+	0.4+	940305	691	0.5-	0.0
710402	675	1.8+	0.2-	940209	809	1.5+	0.1-	940305	691	0.2-	0.0

1211 T-2 = 1975 EM₄ = 1992 EA₁₀

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	268.49070		(2000.0)	P	Q
<i>n</i>	0.28902127	ω	165.56549	-0.89805234	-0.43925862
<i>a</i>	2.2655980	Ω	348.29330	+0.39121641	-0.77308062
<i>e</i>	0.1016788	<i>i</i>	6.66060	+0.20112611	-0.45760050
<i>P</i>	3.41	<i>H</i>	15.0	<i>G</i>	0.15

Residuals in seconds of arc

730919	675	1.6-	0.2-	730929	675	1.7+	0.3-	731005	675	2.8+	1.7-
730919	675	0.2-	0.4+	730929	675	1.0+	0.1+	750315	095	0.0	0.0
730920	675	1.2-	0.8-	730930	675	0.2+	2.1+	920302	809	0.8+	0.0
730924	675	2.0-	0.2-	730930	675	0.1-	1.9+	920304	809	0.1-	0.0
730924	675	1.6-	0.4-	731004	675	2.3+	1.0-	920307	809	0.3-	0.2+
730925	675	0.8-	0.1+	731004	675	(1.8+	3.6-)	920406	809	0.3-	0.3+
730925	675	2.1-	1.5+	731005	675	1.4+	1.0-				

1494 T-2 = 1992 DP₆

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	174.26189		(2000.0)	P	Q
<i>n</i>	0.23778877	ω	134.18800	-0.87926345	+0.47561809
<i>a</i>	2.5803294	Ω	74.22772	-0.44441122	-0.79934729
<i>e</i>	0.0090084	<i>i</i>	1.55641	-0.17144813	-0.36719387
<i>P</i>	4.14	<i>H</i>	16.0	<i>G</i>	0.15

Residuals in seconds of arc

730919	675	1.9+	0.3-	730929	675	1.6+	0.8-	731005	675	1.0+	0.7+
730919	675	2.0-	0.4-	730929	675	0.2+	0.2-	731005	675	0.4-	2.0-
730920	675	0.5-	1.2+	730930	675	1.7+	0.1+	731005	675	0.2+	1.0+
730924	675	0.6+	0.2+	730930	675	0.3-	0.8-	920229	809	1.9-	1.6+
730924	675	0.2+	0.8-	731004	675	2.7-	0.2-	920303	809	1.3+	1.5-
730925	675	0.1+	1.3+	731004	675	1.6-	0.0	920307	809	0.5+	0.1-
730925	675	0.1-	0.3+	731005	675	0.1-	0.8+				

4096 T-2 = 1992 EO₁₄

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	327.68689		(2000.0)	P	Q
<i>n</i>	0.18391272	ω	189.86930	+0.99950412	-0.01397738
<i>a</i>	3.0623974	Ω	170.79005	+0.02014640	+0.97253400
<i>e</i>	0.1211435	<i>i</i>	10.15386	-0.02419985	+0.23234083
<i>P</i>	5.36	<i>H</i>	14.5	<i>G</i>	0.15

Residuals in seconds of arc

730919	675	0.7-	0.7-	730925	675	1.1+	1.2+	731004	675	0.2-	1.0+
730919	675	0.2-	0.4-	730929	675	0.5-	0.1+	731005	675	0.7-	0.3-
730920	675	1.0-	0.3-	730929	675	1.1-	0.3+	731005	675	0.0	0.6-
730924	675	1.1+	0.7+	730930	675	1.0+	1.4-	920301	809	0.1+	0.6+
730924	675	1.4+	0.6+	730930	675	0.1+	1.0-	920303	809	0.3-	0.6-
730925	675	0.1+	0.6+	731004	675	0.4-	0.2+	920306	809	0.2+	0.0

2218 T-3 = 1992 EK₁₉

Epoch 1994 Sept. 5.0 TT = JDT 2449600.5

<i>M</i>	336.29262		(2000.0)	P	Q
<i>n</i>	0.29385433	ω	69.09700	+0.33091855	-0.94365487
<i>a</i>	2.2406876	Ω	1.58708	+0.82224772	+0.28683408
<i>e</i>	0.1704219	<i>i</i>	6.00654	+0.46303520	+0.16505059
<i>P</i>	3.35	<i>H</i>	15.0	<i>G</i>	0.15

Residuals in seconds of arc

771007 675	0.2+	0.8-	771016 675	0.2-	1.3-	771022 675	0.2-	1.5+
771011 675	0.3+	0.8+	771017 675	0.4+	1.1+	920227 691	0.1-	0.5+
771011 675	1.5-	1.1+	771017 675	0.4-	0.5+	920227 691	0.5-	0.0

771012 675	0.3+	0.3-	771021 675	0.9+	0.7-	920227 691	0.4-	0.1+
771012 675	0.1-	0.5+	771021 675	0.9+	2.0-	920301 809	0.8+	0.3+
771016 675	0.3-	1.2-	771022 675	0.3-	0.8+	920304 809	0.2+	0.9-

Object	<i>H</i>	Epoch	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	Obs.	Opp.	Arc	rms	Computer	<i>MPC</i>	Object
1968 QE	14.0	940905	12.35021	68.95878	267.86209	1.57641	0.2158335	2.3912890	12	5	1968-1994	1.16	Williams	23534	1968 QE
1969 OX	12.0	940905	313.92841	211.28748	134.25911	13.80335	0.1789553	2.6125253	17	3	1969-1994	0.90	Williams	23777	1969 OX
1971 UN	13.5	940905	23.40821	294.75873	37.52655	7.69762	0.2372917	2.4529593	16	3	1971-1994	0.61	Williams	21963	1971 UN
1974 RV ₁	13.5	940905	20.67444	351.78017	300.36999	3.00476	0.1389206	2.2475680	20	5	1974-1994	0.78	Williams	23787	1974 RV ₁
1975 EA ₃	13.5	940905	114.06118	175.58236	29.17366	3.54836	0.1450124	2.3590750	19	5	1975-1994	1.00	Williams	22222	1975 EA ₃
1976 DJ ₁	12.0	940905	58.45477	96.05612	114.02789	5.97610	0.1365545	3.9848581	19	4	1976-1993	0.63	Marsden	22681	1976 DJ ₁
1977 QY ₃	13.0	940905	38.58171	200.86334	96.31085	6.37802	0.1803584	2.2579196	14	4	1963-1994	0.79	Williams	23787	1977 QY ₃
1978 RK ₁	12.0	940905	313.67408	268.72195	93.85237	2.63113	0.1711670	3.1235192	32	8	1951-1994	0.78	Williams	23787	1978 RK ₁
1980 CR	12.5	940905	85.47326	81.05281	143.41415	8.15559	0.1777782	2.6374611	34	5	1959-1994	0.96	Williams	22074	1980 CR
1980 TM	12.5	940905	22.71090	322.27281	24.02688	4.30612	0.1099830	2.7914303	25	6	1980-1994	0.56	Williams	21966	1980 TM
1980 TC ₅	13.0	940905	348.31387	138.41335	228.95519	8.35017	0.1727799	2.8052579	16	5	1980-1994	1.06	Williams	17956	1980 TC ₅
1980 UC	12.5	940905	210.73725	227.99793	110.10545	2.68058	0.2239485	3.1361905	25	4	1980-1994	0.92	Williams	21966	1980 UC
1981 EY ₂₆	12.0	940905	80.38431	266.47871	340.91368	5.23057	0.0969050	3.1807418	32	5	1977-1994	0.64	Williams	23788	1981 EY ₂₆
1981 EE ₃₅	14.0	940905	4.09702	170.06874	165.71635	7.32664	0.1918366	2.4880940	18	4	1978-1994	0.85	Williams	23535	1981 EE ₃₅
1982 BP ₂	14.0	940905	238.81101	205.00178	247.21816	2.38266	0.0818049	2.3082438	24	5	1982-1994	1.17	Williams	23511	1982 BP ₂
1982 TX	15.5	940905	304.40075	193.48933	218.73082	15.81083	0.4316708	2.5770925	30	5	1953-1994	0.67	Williams	22599	1982 TX
1983 EU	13.5	940905	129.53657	10.05379	183.72381	4.16375	0.0848362	2.2472698	24	4	1983-1994	1.01	Williams	22075	1983 EU
1983 RR ₄	13.5	940905	337.62095	196.66558	169.26327	13.88309	0.1837238	2.3714302	18	5	1932-1994	0.66	Williams	23788	1983 RR ₄
1984 SQ ₂	14.0	940905	336.23794	342.09483	32.44687	5.66052	0.1778997	2.2403631	14	5	1927-1994	1.02	Williams	23536	1984 SQ ₂
1984 SJ ₇	14.0	940905	344.65995	68.45980	300.13371	7.62458	0.1239839	2.2420398	11	3	1984-1994	0.90	Williams	22271	1984 SJ ₇
1985 C _{J1}	13.5	940905	224.28402	53.88684	59.33382	3.90206	0.1256980	2.4153485	29	5	1985-1994	1.12	Williams	21969	1985 C _{J1}
1985 VG	13.5	940905	186.82153	285.03461	94.34395	4.00288	0.0565366	2.3513688	26	4	1961-1994	0.76	Williams	23788	1985 VG
1986 PF	12.5	940905	329.57196	67.96855	245.79759	5.53637	0.0517985	2.6397842	20	4	1978-1994	0.81	Williams	23788	1986 PF
1986 RE ₂	12.0	940905	277.92600	106.40850	296.99626	21.18198	0.0738284	2.6502142	17	3	1986-1994	0.97	Williams	19499	1986 RE ₂
1986 TW ₉	13.0	940905	334.37591	70.83624	300.54529	5.81910	0.2308646	2.5738493	16	5	1953-1994	0.74	Williams	23788	1986 TW ₉
1986 UO	14.5	940905	344.08127	337.11622	15.71477	2.74979	0.2512794	2.5887640	21	4	1986-1994	0.80	Williams	21970	1986 UO
1986 WO ₉	12.5	940905	201.27049	268.44687	194.65512	3.28185	0.0230030	2.7678298	20	4	1986-1994	0.76	Williams	23512	1986 WO ₉
1987 MC	13.0	940905	0.29172	125.51691	170.90049	7.58760	0.2409059	2.3120655	54	3	1955-1994	0.97	Williams	23779	1987 MC
1987 QR	14.5	940905	338.52016	152.79737	192.22361	3.02422	0.2204325	2.3549142	20	4	1969-1994	0.70	Williams	22078	1987 QR
1987 SG ₃	14.5	940905	7.53889	120.93969	187.46468	22.24940	0.3181357	2.3398492	23	3	1951-1994	0.70	Williams	23779	1987 SG ₃
1987 SN ₃	14.0	940905	355.97304	145.23954	201.83643	6.63964	0.1375579	2.3070749	55	4	1987-1994	0.78	Williams	23536	1987 SN ₃
1987 ST ₁₇	13.5	940905	304.25562	142.75013	225.20123	8.77376	0.1541416	2.4299822	15	4	1983-1994	0.80	Williams	23788	1987 ST ₁₇
1987 US ₄	14.0	940905	324.28054	33.61632	349.32010	2.69483	0.2101471	2.3716653	10	4	1976-1994	0.74	Williams	21971	1987 US ₄
1987 WV ₁	15.0	940905	25.89746	267.35898	138.14943	0.93546	0.1600754	2.2551776	26	4	1987-1993	0.77	Williams	22969	1987 WV ₁
1988 BX	13.0	940905	280.43899	119.26721	290.97649	19.00107	0.0677862	1.8694801	47	3	1988-1994	0.50	Williams	23788	1988 BX
1988 CF ₇	13.0	940905	327.45936	135.14404	231.09301	7.99215	0.2008818	2.6176635	22	3	1988-1994	0.65	Williams	23789	1988 CF ₇
1988 JB ₁	14.0	940905	54.04907	83.86270	149.96197	20.07055	0.4009742	3.1354754	20	2	1988-1994	0.76	Williams	23789	1988 JB ₁
1988 RD ₆	14.0	940905	192.93312	312.79041	49.45943	2.08814	0.1972462	2.4255391	31	3	1988-1994	0.73	Williams	23670	1988 RD ₆
1988 TJ ₂	14.0	940905	2.69261	310.19324	6.99260	5.40797	0.0146134	2.1672885	40	6	1977-1994	0.65	Williams	21972	1988 TJ ₂
1989 AF ₇	13.5	940905	354.57447	343.63773	156.25057	0.53670	0.1129428	3.1786739	21	4	1978-1993	0.37	Williams	22969	1989 AF ₇
1989 EW ₁	13.0	940905	320.85623	34.91936	23.32068	2.86217	0.1227012	2.2162752	42	5	1953-1994	0.70	Williams	21973	1989 EW ₁
1989 GH	12.5	940905	76.04148	81.96190	138.62584	12.00067	0.1434703	2.6663980	25	5	1951-1994	0.79	Williams	22599	1989 GH
1989 GJ	12.5	940905	27.75206	139.95766	142.06463	14.04838	0.1757422	2.6769300	17	3	1981-1994	0.66	Williams	23789	1989 GJ
1989 GM	12.5	940905	48.40135	140.20219	115.90730	17.83628	0.1604198	2.6614320	20	4	1989-1994	0.67	Williams	21973	1989 GM
1989 HG	13.5	940905	145.07468	345.43022	191.68531	14.73085	0.1213371	2.5634646	16	2	1989-1993	0.58	Williams	22493	1989 HG
1989 SL ₅	16.0	940905	349.69462	189.54126	139.48626	23.65301	0.5361047	2.9902336	19	3	1984-1994	0.67	Williams	23789	1989 SL ₅

1989 UN ₃	13.0	940905	327.16815	219.50939	150.97498	2.30081	0.1763709	3.2152825	16	2	1989-1994	0.75	Williams	23780	1989 UN ₃
1989 WW	14.0	940905	188.37479	268.53477	98.34583	6.05683	0.3056333	2.2293771	19	4	1979-1994	1.07	Bardwell	23789	1989 WW
1989 YG	14.0	940905	143.34048	35.53776	11.73399	5.50988	0.1585050	2.3553125	18	4	1985-1994	0.74	Williams	23670	1989 YG
1990 DA ₁	13.0	940905	25.31063	319.16170	337.43784	8.38581	0.2230065	2.2091458	36	4	1990-1994	0.84	Williams	22272	1990 DA ₁
1990 FR	12.5	940905	31.95973	58.59048	115.06980	13.73484	0.3029433	2.5911888	36	4	1986-1994	0.70	Williams	23789	1990 FR
1990 KM	13.0	940905	61.14594	46.26584	210.01474	19.45627	0.0790331	2.3436293	21	3	1972-1994	0.74	Williams	23780	1990 KM
1990 MN	13.5	940905	21.03023	200.42392	132.55045	9.49968	0.2497667	2.3687679	22	6	1950-1994	0.78	Williams	23537	1990 MN
1990 OD	13.0	940905	357.38664	60.15964	232.16748	11.89791	0.2405555	2.6313187	27	3	1978-1994	0.61	Williams	23789	1990 OD
1990 OE ₂	12.5	940905	333.01516	232.69484	117.95084	14.56317	0.1360618	2.5542221	37	7	1980-1994	0.75	Williams	23789	1990 OE ₂
1990 QP ₅	13.0	940905	349.49286	191.82363	167.86076	6.23296	0.1347655	2.4795392	26	6	1975-1994	0.98	Williams	22272	1990 QP ₅
1990 RA ₅	13.0	940905	53.37877	90.06408	183.93862	13.10142	0.1465680	2.5583595	20	4	1989-1994	0.82	Williams	23671	1990 RA ₅
1990 RD ₉	12.5	940905	142.71443	270.53461	291.79925	11.34727	0.1230567	2.4308124	33	7	1970-1994	0.99	Williams	23684	1990 RD ₉
1990 SL ₂₈	13.0	940905	10.36643	0.02995	321.03114	1.25054	0.1935242	2.6406867	25	6	1964-1994	0.67	Williams	23789	1990 SL ₂₈
1990 TR ₁₂	12.5	940905	348.18553	83.78424	240.46384	9.47765	0.0984515	2.9882873	25	3	1985-1994	0.71	Williams	23789	1990 TR ₁₂
1990 TT ₁₂	12.5	940905	4.35515	321.94992	1.13487	1.55762	0.0612302	2.9130451	20	4	1962-1994	0.77	Williams	22686	1990 TT ₁₂
1990 VB	16.0	940905	8.43529	102.23865	254.63503	14.56468	0.5277200	2.4435467	37	2	1990-1994	0.63	Williams	23789	1990 VB
1990 VQ ₁	12.0	940905	60.82470	56.46835	222.98303	12.12518	0.1366649	2.6395570	20	5	1971-1994	0.78	Williams	22600	1990 VQ ₁
1990 WA	15.5	940905	338.98482	11.93837	71.40312	26.02791	0.4674504	2.5063133	32	4	1974-1994	0.86	Williams	18824	1990 WA
1990 YA	13.5	940905	339.34558	127.61800	262.62144	4.39976	0.2757987	2.5614166	20	3	1986-1994	0.87	Williams	21975	1990 YA
1991 BM ₂	13.5	940905	246.32218	90.31279	15.86209	0.52809	0.1579254	3.1066062	24	6	1951-1994	0.75	Williams	22486	1991 BM ₂
1991 CQ	16.5	940905	327.88066	296.23294	174.74313	28.09090	0.4751146	2.5165283	19	3	1983-1994	0.94	Williams	18825	1991 CQ
1991 CZ	13.5	940905	17.11947	129.06039	154.17309	23.19618	0.0137746	1.8335203	61	3	1991-1994	0.78	Williams	23684	1991 CZ
1991 GN	12.5	940905	280.10812	168.41297	207.98797	22.89708	0.0897759	1.9317993	33	3	1991-1994	0.72	Williams	23790	1991 GN
1991 JF ₁	12.0	940905	287.20040	151.34813	221.82503	28.10347	0.1419922	1.9144633	29	5	1968-1994	0.91	Williams	23790	1991 JF ₁
1991 PF ₁₅	13.5	940905	352.32380	32.06571	264.03900	3.28955	0.1468434	2.2322573	16	6	1971-1994	0.79	Williams	23684	1991 PF ₁₅
1991 RG	14.5	940905	88.66519	344.10314	228.41745	3.90603	0.0944387	2.2381851	18	5	1985-1994	0.87	Williams	21976	1991 RG
1991 RM ₂	13.5	940905	318.54078	187.20161	168.06743	8.71081	0.2082718	2.2600661	22	3	1923-1994	0.75	Williams	23782	1991 RM ₂
1991 SN ₁	14.5	940905	325.95649	160.40337	203.42865	5.78957	0.1671777	2.2196713	24	4	1951-1994	0.82	Williams	20822	1991 SN ₁
1991 SC ₂	13.5	940905	228.90925	205.59888	121.41694	2.85151	0.0662942	2.9139111	21	6	1977-1994	0.73	Williams	23685	1991 SC ₂
1991 TJ ₂	13.5	940905	19.59833	255.55148	53.75095	5.81606	0.2265933	2.1761252	14	4	1968-1994	0.91	Williams	23790	1991 TJ ₂
1991 UU	13.5	940905	27.60942	62.02028	231.75676	5.15564	0.1921786	2.2346572	17	5	1977-1994	0.68	Williams	19511	1991 UU
1991 UV	13.5	940905	11.28925	86.66605	218.88636	1.88088	0.1607808	2.2752725	25	5	1953-1994	0.81	Williams	23790	1991 UV
1991 UM ₁	13.5	940905	357.88865	353.49140	335.95908	4.59487	0.2050414	2.1966648	20	4	1952-1994	0.92	Williams	23790	1991 UM ₁
1991 UB ₂	13.5	940905	62.18224	22.42416	233.99295	6.22373	0.0997507	2.3338150	18	5	1954-1994	0.68	Williams	22700	1991 UB ₂
1991 UK ₂	13.0	940905	285.69205	204.99995	205.18124	6.13078	0.0936958	2.3071189	34	5	1942-1994	0.74	Williams	23538	1991 UK ₂
1991 UU ₃	13.5	940905	354.66445	336.13984	357.10742	2.23259	0.1603728	2.2819157	12	4	1977-1994	0.85	Williams	19515	1991 UU ₃
1991 UW ₃	13.5	940905	330.48968	56.38015	313.81939	4.97421	0.2351456	2.2257750	17	5	1979-1994	0.91	Williams	23538	1991 UW ₃
1991 UH ₄	14.0	940905	334.08944	102.13363	255.10322	5.60707	0.2300705	2.2972426	17	5	1935-1994	0.89	Williams	22431	1991 UH ₄
1991 VR ₃	14.0	940905	302.97525	294.52212	111.16123	5.16840	0.2270265	2.2622145	31	3	1982-1994	0.99	Williams	21977	1991 VR ₃
1991 VK ₄	13.0	940905	322.09380	69.01121	304.18021	3.40097	0.1343940	2.3294034	22	4	1987-1994	0.79	Williams	23538	1991 VK ₄
1992 AO	12.0	940905	315.79267	280.90887	127.20004	22.18839	0.0934644	2.3518405	29	4	1954-1994	0.75	Williams	22495	1992 AO
1992 EF	12.0	940905	151.08135	273.33403	272.02505	9.17124	0.0438084	3.0165024	14	4	1976-1994	0.80	Williams	20034	1992 EF
1992 FF	12.0	940905	184.83128	91.45680	55.22751	1.90668	0.1576343	1.6114525	16	3	1979-1992	0.89	Williams	21977	1992 FF
1992 FG	13.5	940905	199.44797	244.98329	15.44036	6.16468	0.1526504	2.2642848	17	3	1986-1993	0.61	Williams	23673	1992 FG
1992 JB	18.0	940905	102.19268	306.74669	218.52996	16.06544	0.3598655	1.5564707	59	4	1992-1994	0.71	Williams	23685	1992 JB
1992 RZ	13.0	940905	70.52284	157.58827	280.60979	0.95034	0.0307463	2.8801607	16	2	1978-1992	0.55	Williams	21977	1992 RZ
1992 SL	17.5	940905	341.98778	344.50683	1.11513	8.59908	0.3339117	1.6414792	67	2	1992-1994	0.76	Williams	23790	1992 SL
1992 TC	17.5	940905	355.36637	275.41718	88.76559	7.08769	0.2924166	1.5660008	56	3	1990-1994	0.61	Williams	23790	1992 TC
1992 WY ₄	13.5	940905	215.38213	187.37982	267.46291	17.87275	0.0757307	1.9517608	21	3	1989-1994	0.85	Williams	23790	1992 WY ₄
1992 YC ₃	14.5	940905	278.40858	145.55241	284.93682	16.45564	0.1433529	1.8178647	19	5	1983-1994	0.85	Williams	21802	1992 YC ₃
1993 CC	12.0	940905	69.94949	93.63653	132.08266	13.81098	0.1345604	2.6665587	59	4	1951-1994	0.57	Williams	23790	1993 CC
1993 ET	12.5	940905	170.63769	255.24743	186.53974	29.30956	0.4169263	2.7558301	26	3	1970-1994	0.78	Williams	23790	1993 ET

1993 FW	7.0	940905	330.21350	34.02025	187.91471	7.74197	0.0467429	43.8724575	19	2	1993-1994	0.35	Williams	23685	1993 FW
1993 FC ₁	12.5	940905	109.82276	5.89174	210.99208	12.99069	0.1125333	2.5930584	23	4	1986-1994	0.76	Williams	22600	1993 FC ₁
1993 FS ₁	12.0	940905	46.25999	93.43323	151.67842	11.60770	0.1000288	3.0369158	25	4	1969-1994	0.95	Williams	23790	1993 FS ₁
1993 FZ ₁₂	12.0	940905	352.16066	193.29754	134.25729	5.05186	0.1218719	2.6407900	12	3	1960-1994	0.80	Williams	23523	1993 FZ ₁₂
1993 FH ₂₄	13.0	940905	1.03089	103.43273	205.18909	5.03083	0.0586661	2.7389115	21	4	1976-1994	0.58	Williams	23790	1993 FH ₂₄
1993 FQ ₂₅	13.5	940905	23.19585	358.47195	311.47949	1.76110	0.1615888	2.6007515	16	4	1990-1994	0.44	Williams	23525	1993 FQ ₂₅
1993 FO ₃₆	13.0	940905	17.47032	119.57477	179.99279	9.62165	0.1326833	2.7857624	20	4	1976-1994	0.65	Williams	23790	1993 FO ₃₆
1993 FS ₃₉	12.5	940905	347.03759	146.96985	171.22270	1.85099	0.1087548	2.9329509	13	3	1979-1994	0.69	Williams	23790	1993 FS ₃₉
1993 HL	13.0	940905	0.52244	308.10623	53.98303	8.62504	0.1941946	2.2513575	17	4	1950-1994	0.69	Williams	22495	1993 HL
1993 HV	11.0	940905	1.05692	145.09385	183.55238	14.12051	0.2147545	3.4004507	41	7	1949-1994	1.10	Williams	23790	1993 HV
1993 HZ	12.5	940905	22.94907	23.54170	285.43646	2.41388	0.0920062	2.7057905	22	6	1976-1994	0.91	Williams	22432	1993 HZ
1993 HA ₂	9.5	940905	7.46634	170.75756	31.33271	15.63419	0.5234153	24.8001178	48	3	1993-1994	0.46	Williams	23790	1993 HA ₂
1993 JV	12.5	940905	11.47988	341.92662	355.41047	1.57376	0.0686190	2.8567823	17	5	1978-1993	1.00	Williams	23783	1993 JV
1993 PC	18.0	940905	130.66883	168.09562	337.58135	4.15808	0.4743858	1.1543643	30	2	1993-1994	0.52	Williams	23784	1993 PC
1993 VA	17.0	940905	157.12529	336.39541	133.27144	7.25610	0.3911895	1.3560071	66	4	1963-1994	0.79	Williams	23791	1993 VA
1993 VW	16.5	940905	85.08219	280.90270	231.31702	8.68533	0.4843849	1.6950451	101	3	1982-1994	0.63	Williams	23791	1993 VW
1994 AW ₁	17.5	940905	339.24148	37.10635	290.46117	24.10053	0.0752627	1.1046693	156	2	1994-1994	0.62	Williams	23791	1994 AW ₁
1994 AH ₂	16.5	940905	31.62446	24.83004	164.37883	9.62969	0.7114667	2.5255349	155	3	1981-1994	0.67	Williams	23784	1994 AH ₂
1994 CX ₂	12.5	940905	8.23663	74.40660	119.08756	3.07384	0.0805679	2.9157564	20	3	1959-1994	1.33	Williams	23686	1994 CX ₂
1994 GW	12.5	940905	321.54708	223.84360	64.52867	14.01645	0.1645681	2.6576630	28	5	1977-1994	0.84	Williams	23686	1994 GW
1994 GY	17.0	940905	26.96703	189.96942	34.11713	12.46649	0.5319473	2.6698955	109	1	103 days	0.70	Williams	23791	1994 GY
1994 JX	17.5	940905	21.95524	192.20998	52.92741	32.69190	0.5793921	2.7371817	51	1	85 days	0.65	Williams	23786	1994 JX
1994 JF ₁	17.0	940905	14.29816	153.23619	119.64144	3.49265	0.4813549	2.5400089	55	1	72 days	0.72	Williams	23786	1994 JF ₁
1994 LK	11.0	940905	359.93246	88.04500	200.02832	25.45160	0.1803152	3.1521567	25	2	1989-1994	0.64	Williams	23791	1994 LK
1994 LW	17.0	940905	6.47597	54.38902	241.16237	23.01921	0.6194772	3.1622185	108	1	84 days	0.74	Williams	23786	1994 LW
1994 NS	14.5	940905	17.00235	78.87671	203.83129	6.48082	0.2394893	2.1671396	15	2	1988-1994	0.79	Williams	23786	1994 NS
2098 P-L	13.5	940905	355.75631	158.26314	192.08856	11.95221	0.2643310	2.6287034	24	3	1960-1994	0.78	Williams	21977	2098 P-L
4524 P-L	14.0	940905	300.35744	155.67894	227.82860	0.54323	0.0861739	2.2764600	19	4	1953-1994	0.68	Williams	23791	4524 P-L
4580 P-L	14.0	940905	358.09888	152.10630	184.22043	11.65199	0.1999908	2.6338276	21	5	1960-1994	0.62	Williams	22274	4580 P-L
6564 P-L	12.5	940905	19.93821	201.68225	125.31892	2.54023	0.1511704	3.1790563	20	6	1954-1994	0.84	Williams	21978	6564 P-L
1240 T-1	13.0	940905	214.19719	338.65046	2.18037	9.11072	0.1632531	2.7986707	23	4	1971-1994	1.02	Williams	23686	1240 T-1
4050 T-1	14.5	940905	356.84944	203.57917	142.45274	3.68780	0.1930974	2.1541039	18	5	1971-1994	0.96	Williams	21978	4050 T-1
3176 T-2	15.0	940905	72.77793	104.64167	25.98704	4.16807	0.0575858	2.4264823	25	3	1973-1994	0.88	Williams	23686	3176 T-2
3262 T-2	13.0	940905	23.23091	252.45199	43.31289	3.41069	0.2645487	2.3136449	35	5	1973-1994	0.87	Williams	23792	3262 T-2

EPHEMERIDES

1994 PN							
Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 08 26	15 54.91	-18 08.9	0.843	1.291	87.8	51.5	17.6
1994 09 05	16 00.52	-26 51.3	0.883	1.235	81.2	53.8	17.7
1994 09 15	16 10.32	-34 55.0	0.927	1.185	75.6	55.2	17.7
1994 09 25	16 24.46	-42 20.4	0.970	1.145	70.9	55.9	17.8
1994 10 05	16 43.80	-49 09.8	1.008	1.115	67.4	55.9	17.8
1994 10 15	17 10.11	-55 24.2	1.040	1.097	65.1	55.6	17.8
1994 10 25	17 46.60	-60 59.1	1.062	1.092	64.1	55.0	17.8

1994 LX							
Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 08 26	18 22.41	-47 33.6	0.817	1.574	118.5	34.4	17.0
1994 09 05	18 13.48	-49 21.6	0.896	1.542	108.0	38.4	17.2
1994 09 15	18 12.79	-50 38.0	0.974	1.507	99.1	41.2	17.5
1994 09 25	18 19.25	-51 35.6	1.049	1.469	91.4	43.0	17.6

1994 10 05	18 31.80	-52 19.6	1.114	1.427	84.7	44.3	17.7
1994 10 15	18 49.68	-52 51.1	1.169	1.382	78.8	45.1	17.8
1994 10 25	19 12.16	-53 08.3	1.211	1.334	73.7	45.7	17.8

1991 BY ₂							
Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 08 26	19 25.41	-16 50.9	0.974	1.851	137.6	21.6	16.3
1994 09 05	19 14.29	-12 48.1	1.016	1.799	125.5	27.1	16.5
1994 09 15	19 08.72	-09 05.9	1.072	1.750	114.7	31.5	16.7
1994 09 25	19 08.20	-05 46.3	1.136	1.702	105.3	34.6	16.9
1994 10 05	19 12.01	-02 46.0	1.203	1.657	97.1	36.8	17.0
1994 10 15	19 19.52	+00 00.9	1.270	1.615	90.0	38.1	17.1
1994 10 25	19 30.17	+02 40.1	1.332	1.576	84.0	38.9	17.2

1994 CB							
Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 08 26	19 47.04	+23 33.4	0.173	1.129	129.7	43.5	19.1
1994 09 05	19 44.54	+26 07.2	0.233	1.153	123.3	47.0	19.9

1994 09 15	19 49.24	+26 52.2	0.293	1.175	118.8	48.6	20.5
1994 09 25	19 58.86	+26 48.9	0.354	1.197	115.2	49.3	21.0
1994 10 05	20 12.17	+26 23.1	0.415	1.218	112.1	49.6	21.4
1994 10 15	20 28.57	+25 49.5	0.475	1.237	109.2	49.6	21.7
1994 10 25	20 47.49	+25 16.9	0.535	1.255	106.4	49.5	22.0

1994 PC $a, e, i = 1.57, 0.32, 9$ Elements MPC 23866

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 08 26	19 47.48	-38 33.6	0.240	1.195	136.2	35.8	15.8
1994 09 05	19 47.75	-44 51.5	0.237	1.159	124.6	45.7	15.9
1994 09 15	19 58.92	-50 11.9	0.238	1.128	115.3	53.7	16.1
1994 09 25	20 23.48	-54 25.0	0.241	1.103	108.5	59.6	16.3
1994 10 05	21 02.50	-57 13.1	0.243	1.085	104.0	63.5	16.4
1994 10 15	21 54.65	-58 07.5	0.244	1.074	101.8	65.4	16.4
1994 10 25	22 53.64	-56 38.8	0.244	1.071	101.6	65.5	16.4

1994 PC₁ $a, e, i = 1.35, 0.33, 33$ Elements MPC 23866

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 08 26	20 57.20	-48 27.5	0.836	1.727	138.5	22.8	17.9
1994 09 05	20 41.22	-50 11.1	0.928	1.745	128.6	26.9	18.3
1994 09 15	20 32.16	-50 46.4	1.031	1.759	119.5	29.8	18.6
1994 09 25	20 30.01	-50 37.3	1.141	1.771	111.2	31.9	18.9
1994 10 05	20 33.77	-49 59.2	1.253	1.779	103.7	33.1	19.1
1994 10 15	20 42.32	-49 00.9	1.365	1.784	96.9	33.7	19.3
1994 10 25	20 54.50	-47 47.6	1.475	1.787	90.5	33.8	19.5

Periodic Comet McNaught-Hartley (1994n) Elements MPC 23848

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1994 08 26	21 08.35	-44 17.4	1.773	2.651	143.0	13.3	15.5
1994 09 05	21 03.34	-43 30.8	1.801	2.622	136.0	15.5	15.5
1994 09 15	21 00.82	-42 19.2	1.847	2.596	128.6	17.6	15.5
1994 09 25	21 01.20	-40 47.1	1.907	2.572	121.0	19.5	15.5
1994 10 05	21 04.49	-38 59.1	1.981	2.551	113.5	21.1	15.6
1994 10 15	21 10.51	-36 58.7	2.065	2.532	106.3	22.2	15.6
1994 10 25	21 18.91	-34 49.1	2.156	2.517	99.3	22.9	15.7
1994 11 04	21 29.29	-32 32.1	2.254	2.505	92.6	23.3	15.8
1994 11 14	21 41.28	-30 09.1	2.357	2.495	86.2	23.3	15.8
1994 11 24	21 54.53	-27 41.3	2.463	2.489	80.0	23.0	15.9
1994 12 04	22 08.76	-25 09.3	2.572	2.486	73.9	22.4	16.0
1994 12 14	22 23.72	-22 33.9	2.680	2.487	68.1	21.5	16.1
1994 12 24	22 39.21	-19 56.0	2.789	2.490	62.4	20.5	16.2
1995 01 03	22 55.09	-17 16.2	2.897	2.497	56.7	19.2	16.3
1995 01 13	23 11.23	-14 35.4	3.003	2.507	51.2	17.8	16.4
1995 01 23	23 27.55	-11 54.5	3.105	2.520	45.8	16.3	16.5
1995 02 02	23 43.97	-09 14.3	3.205	2.536	40.4	14.6	16.6
1995 02 12	00 00.45	-06 35.6	3.299	2.555	35.1	12.8	16.7

1993 HO₁ $a, e, i = 1.99, 0.42, 6$ Elements MPC 23863

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 08 26	21 41.99	-22 08.4	1.741	2.731	165.5	5.3	19.8
1994 09 05	21 30.53	-22 42.5	1.770	2.714	154.3	9.3	20.0
1994 09 15	21 20.86	-22 59.6	1.825	2.696	142.9	13.0	20.2
1994 09 25	21 13.79	-23 00.0	1.901	2.676	131.8	16.2	20.4
1994 10 05	21 09.69	-22 45.4	1.993	2.654	121.3	18.8	20.6

1994 10 15	21 08.64	-22 18.1	2.097	2.630	111.4	20.7	20.7
1994 10 25	21 10.45	-21 40.0	2.209	2.605	102.1	21.9	20.9

Comet Nakamura-Nishimura-Machholz (1994m) Elements MPC 23848

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1994 08 26	22 55.50	+36 19.2	0.429	1.338	132.3	34.0	7.4
1994 08 31	22 22.78	+19 09.5	0.404	1.379	151.9	20.2	7.4
1994 09 05	21 56.53	+01 23.0	0.428	1.424	163.3	11.8	7.7
1994 09 10	21 36.29	-13 09.4	0.495	1.470	154.9	16.9	8.1
1994 09 15	21 21.18	-23 30.7	0.591	1.519	142.7	23.7	8.7
1994 09 20	21 10.25	-30 34.9	0.705	1.569	132.4	28.2	9.2
1994 09 25	21 02.64	-35 26.3	0.830	1.620	124.0	30.9	9.7
1994 09 30	20 57.70	-38 50.8	0.961	1.673	116.9	32.3	10.1
1994 10 05	20 54.90	-41 17.4	1.095	1.726	110.8	32.8	10.6
1994 10 10	20 53.84	-43 04.6	1.232	1.781	105.4	32.7	11.0
1994 10 15	20 54.21	-44 24.1	1.370	1.836	100.5	32.3	11.3
1994 10 20	20 55.75	-45 23.6	1.508	1.891	95.9	31.6	11.7
1994 10 25	20 58.26	-46 08.3	1.645	1.947	91.7	30.7	12.0
1994 10 30	21 01.57	-46 41.8	1.781	2.003	87.6	29.7	12.3
1994 11 04	21 05.57	-47 06.5	1.916	2.060	83.8	28.6	12.5
1994 11 09	21 10.16	-47 24.4	2.048	2.116	80.1	27.5	12.8
1994 11 14	21 15.24	-47 36.9	2.178	2.173	76.6	26.3	13.1
1994 11 19	21 20.75	-47 45.1	2.306	2.230	73.2	25.1	13.3
1994 11 24	21 26.61	-47 49.7	2.431	2.287	69.9	23.9	13.5
1994 11 29	21 32.78	-47 51.3	2.552	2.344	66.7	22.7	13.7
1994 12 04	21 39.22	-47 50.6	2.671	2.401	63.6	21.6	13.9
1994 12 09	21 45.90	-47 48.0	2.785	2.458	60.7	20.4	14.1
1994 12 14	21 52.77	-47 43.9	2.896	2.515	57.9	19.4	14.3
1994 12 19	21 59.81	-47 38.6	3.003	2.571	55.2	18.3	14.5
1994 12 24	22 07.00	-47 32.3	3.106	2.628	52.6	17.3	14.7
1994 12 29	22 14.31	-47 25.3	3.205	2.684	50.2	16.4	14.8
1995 01 03	22 21.73	-47 17.9	3.299	2.740	48.0	15.5	15.0
1995 01 08	22 29.24	-47 10.2	3.389	2.796	46.0	14.7	15.1
1995 01 13	22 36.84	-47 02.5	3.474	2.852	44.2	13.9	15.3
1995 01 18	22 44.49	-46 54.9	3.555	2.908	42.6	13.2	15.4
1995 01 23	22 52.20	-46 47.7	3.631	2.963	41.3	12.7	15.5
1995 01 28	22 59.96	-46 40.9	3.702	3.019	40.3	12.2	15.6
1995 02 02	23 07.76	-46 34.7	3.769	3.074	39.5	11.8	15.8
1995 02 07	23 15.59	-46 29.5	3.832	3.129	39.1	11.5	15.9
1995 02 12	23 23.45	-46 25.2	3.890	3.184	39.0	11.3	16.0

1994 LC₁ $a, e, i = 2.82, 0.52, 12$ Elements MPC 23865

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	V
1994 08 26	23 18.25	-39 53.3	0.372	1.340	147.8	23.7	16.1
1994 09 05	23 14.75	-34 41.2	0.368	1.345	151.9	20.7	16.0
1994 09 15	23 10.74	-28 23.4	0.379	1.358	154.3	18.7	16.0
1994 09 25	23 08.50	-21 38.1	0.406	1.379	153.5	18.9	16.2
1994 10 05	23 09.13	-15 06.1	0.451	1.407	149.6	21.1	16.5
1994 10 15	23 13.02	-09 14.4	0.512	1.443	143.9	24.0	17.0
1994 10 25	23 19.95	-04 12.5	0.589	1.484	137.7	26.8	17.4

1994 11 19	11 00.35	-05 18.3	1.188	1.237	68.5	48.0	13.8
1994 11 24	11 06.30	-06 51.2	1.204	1.293	71.6	46.4	14.0
1994 11 29	11 11.45	-08 18.1	1.215	1.350	74.8	44.9	14.2
1994 12 04	11 15.75	-09 39.1	1.223	1.406	78.3	43.3	14.4
1994 12 09	11 19.16	-10 54.3	1.227	1.463	82.0	41.8	14.6
1994 12 14	11 21.66	-12 03.5	1.229	1.519	85.9	40.3	14.8
1994 12 19	11 23.20	-13 06.6	1.228	1.574	90.0	38.7	14.9
1994 12 24	11 23.75	-14 03.3	1.225	1.629	94.4	37.0	15.1
1994 12 29	11 23.27	-14 53.2	1.221	1.684	99.0	35.2	15.2
1995 01 03	11 21.72	-15 35.6	1.216	1.738	103.9	33.3	15.3
1995 01 08	11 19.10	-16 09.8	1.212	1.791	108.9	31.3	15.4
1995 01 13	11 15.43	-16 35.2	1.208	1.844	114.2	29.1	15.6
1995 01 18	11 10.75	-16 51.1	1.206	1.896	119.7	26.8	15.7
1995 01 23	11 05.15	-16 56.9	1.206	1.948	125.3	24.4	15.8
1995 01 28	10 58.75	-16 52.1	1.209	1.999	131.0	21.8	15.9
1995 02 02	10 51.69	-16 36.4	1.217	2.049	136.7	19.3	16.0
1995 02 07	10 44.20	-16 10.1	1.230	2.099	142.3	16.7	16.2
1995 02 12	10 36.50	-15 34.0	1.249	2.148	147.5	14.3	16.3

1995 03 04	02 42.58	+09 28.4	2.799	2.431	58.4	20.3	20.2
1995 03 14	02 57.28	+11 01.9	2.856	2.382	52.3	19.3	20.1
1995 03 24	03 13.33	+12 34.6	2.904	2.335	46.6	18.1	20.1
1995 04 03	03 30.67	+14 05.0	2.944	2.288	41.2	16.7	20.0
1995 04 13	03 49.24	+15 31.4	2.974	2.243	36.1	15.3	20.0
1995 04 23	04 08.98	+16 52.1	2.996	2.200	31.2	13.7	19.9

1989 VA $a, e, i = 0.73, 0.59, 29$ Elements MPC 23514

Date	TT	α_{2000}	δ_{2000}	Δ	r	Variation	V
1994 09 05	06 57.76	+45 05.8	0.622	0.920	+4.79	+36.7	18.5
1994 09 15	06 55.95	+43 13.1	0.578	0.997	+3.29	+42.7	18.4
1994 09 25	06 54.47	+40 55.4	0.518	1.058	+1.96	+48.4	18.1
1994 10 05	06 50.04	+38 00.7	0.445	1.104	+0.52	+55.0	17.8
1994 10 15	06 38.58	+33 55.7	0.365	1.137	-1.39	+62.2	17.2
1994 10 25	06 14.23	+27 20.9	0.284	1.156	-4.27	+67.0	16.4
1994 11 04	05 27.98	+15 22.7	0.215	1.162	-8.54	+60.0	15.4
1994 11 14	04 13.32	-04 33.5	0.182	1.155	-12.44	+49.8	14.7
1994 11 24	02 46.42	-23 50.0	0.204	1.135	-11.29	+81.6	15.4
1994 12 04	01 38.03	-33 29.2	0.262	1.101	-6.43	+105.8	16.4
1994 12 14	00 55.36	-37 09.4	0.333	1.053	-2.13	+106.7	17.1
1994 12 24	00 28.91	-38 38.8	0.400	0.991	+0.99	+101.1	17.7

Periodic Comet Kohoutek Elements MPC 18258

Date	TT	α_{2000}	δ_{2000}	Δ	r	Variation	m_2
1994 09 15	09 23.28	+12 54.4	2.678	1.914	-1.07	+6.6	18.9
1994 09 25	09 45.13	+10 45.1	2.652	1.947	-1.02	+6.7	19.0
1994 10 05	10 05.84	+08 32.9	2.622	1.983	-0.97	+6.7	19.1
1994 10 15	10 25.38	+06 20.1	2.586	2.021	-0.94	+6.6	19.1
1994 10 25	10 43.74	+04 08.5	2.544	2.062	-0.90	+6.5	19.2
1994 11 04	11 00.89	+01 59.8	2.495	2.105	-0.88	+6.3	19.2
1994 11 14	11 16.75	-00 04.2	2.439	2.150	-0.86	+6.1	19.2
1994 11 24	11 31.23	-02 02.2	2.378	2.197	-0.85	+5.9	19.2
1994 12 04	11 44.21	-03 52.6	2.310	2.244	-0.84	+5.7	19.2
1994 12 14	11 55.51	-05 33.9	2.236	2.293	-0.85	+5.6	19.2
1994 12 24	12 04.92	-07 04.5	2.160	2.343	-0.87	+5.5	19.2
1995 01 03	12 12.22	-08 22.9	2.081	2.393	-0.89	+5.4	19.1
1995 01 13	12 17.14	-09 26.9	2.004	2.444	-0.93	+5.4	19.0
1995 01 23	12 19.47	-10 14.9	1.930	2.496	-0.97	+5.5	19.0
1995 02 02	12 19.06	-10 44.5	1.865	2.548	-1.03	+5.7	18.8
1995 02 12	12 15.94	-10 54.1	1.813	2.600	-1.09	+6.0	18.7
1995 02 22	12 10.39	-10 43.0	1.778	2.652	-1.14	+6.4	18.6
1995 03 04	12 02.98	-10 12.1	1.766	2.704	-1.18	+6.7	18.5
1995 03 14	11 54.55	-09 24.9	1.779	2.756	-1.20	+7.0	18.4
1995 03 24	11 46.10	-08 27.2	1.821	2.809	-1.19	+7.2	18.4
1995 04 03	11 38.55	-07 25.6	1.890	2.860	-1.16	+7.1	18.6
1995 04 13	11 32.64	-06 27.1	1.987	2.912	-1.10	+7.0	18.9
1995 04 23	11 28.77	-05 37.0	2.107	2.963	-1.04	+6.7	19.2
1995 05 03	11 27.09	-04 58.5	2.248	3.014	-0.97	+6.3	19.5
1995 05 13	11 27.54	-04 33.2	2.405	3.065	-0.89	+5.8	19.7
1995 05 23	11 29.92	-04 21.2	2.575	3.115	-0.83	+5.4	19.9
1995 06 02	11 34.00	-04 21.7	2.754	3.165	-0.76	+5.0	20.1
1995 06 12	11 39.53	-04 33.8	2.938	3.214	-0.71	+4.6	20.3
1995 06 22	11 46.27	-04 55.9	3.126	3.263	-0.65	+4.3	20.5

Periodic Comet Reinmuth 1 Elements MPC 20123

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_2
1994 09 15	02 41.06	+04 33.8	2.536	3.293	131.8	13.2	20.4	
1994 09 25	02 38.78	+03 52.9	2.395	3.244	141.8	11.0	20.1	
1994 10 05	02 34.48	+03 05.4	2.275	3.194	152.1	8.4	19.9	
1994 10 15	02 28.35	+02 14.6	2.181	3.143	161.8	5.7	19.6	
1994 10 25	02 20.86	+01 24.9	2.113	3.093	167.9	3.9	19.4	
1994 11 04	02 12.66	+00 41.3	2.075	3.042	164.3	5.0	19.4	
1994 11 14	02 04.59	+00 08.8	2.066	2.991	154.9	8.1	19.5	
1994 11 24	01 57.49	-00 08.8	2.082	2.940	144.1	11.4	19.6	
1994 12 04	01 52.04	-00 09.4	2.122	2.888	133.3	14.4	19.7	
1994 12 14	01 48.75	+00 07.6	2.180	2.837	122.8	17.0	19.9	
1994 12 24	01 47.85	+00 41.0	2.251	2.785	112.9	19.0	20.0	
1995 01 03	01 49.40	+01 29.2	2.331	2.734	103.5	20.5	20.0	
1995 01 13	01 53.32	+02 30.0	2.415	2.683	94.8	21.4	20.1	
1995 01 23	01 59.45	+03 41.1	2.500	2.631	86.5	21.9	20.2	
1995 02 02	02 07.60	+05 00.4	2.583	2.581	78.8	22.0	20.2	
1995 02 12	02 17.62	+06 26.0	2.662	2.530	71.6	21.7	20.2	
1995 02 22	02 29.32	+07 55.9	2.734	2.480	64.8	21.2	20.2	

Periodic Comet Mueller 5 (1993s) Elements MPC 23322

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1
1994 09 15	09 29.87	+22 07.1	5.036	4.250	34.9	7.8	18.3	
1994 09 25	09 40.90	+21 39.8	4.943	4.250	42.0	9.1	18.3	
1994 10 05	09 51.45	+21 15.1	4.836	4.251	49.3	10.3	18.2	
1994 10 15	10 01.42	+20 54.0	4.716	4.252	56.8	11.3	18.2	
1994 10 25	10 10.70	+20 37.8	4.587	4.254	64.5	12.2	18.1	
1994 11 04	10 19.19	+20 27.5	4.449	4.256	72.4	12.8	18.0	
1994 11 14	10 26.76	+20 24.4	4.305	4.258	80.7	13.3	18.0	
1994 11 24	10 33.28	+20 29.6	4.158	4.261	89.2	13.4	17.9	
1994 12 04	10 38.60	+20 44.2	4.012	4.265	98.1	13.2	17.8	
1994 12 14	10 42.57	+21 08.6	3.871	4.268	107.3	12.7	17.7	
1994 12 24	10 45.07	+21 43.1	3.737	4.273	116.8	11.9	17.7	
1995 01 03	10 45.99	+22 27.0	3.617	4.277	126.6	10.6	17.6	

1995 01 13	10 45.31	+23 18.8	3.514	4.282	136.6	9.1	17.5
1995 01 23	10 43.08	+24 16.0	3.433	4.287	146.4	7.3	17.5
1995 02 02	10 39.47	+25 15.1	3.376	4.293	155.6	5.4	17.5
1995 02 12	10 34.80	+26 11.9	3.348	4.299	162.4	4.0	17.5
1995 02 22	10 29.50	+27 02.3	3.349	4.306	163.2	3.8	17.5
1995 03 04	10 24.08	+27 42.9	3.380	4.313	157.5	5.0	17.5
1995 03 14	10 19.06	+28 11.1	3.438	4.320	148.9	6.8	17.5
1995 03 24	10 14.92	+28 26.1	3.522	4.328	139.4	8.6	17.6
1995 04 03	10 12.00	+28 27.9	3.627	4.336	129.8	10.2	17.7
1995 04 13	10 10.53	+28 17.4	3.750	4.344	120.4	11.5	17.7
1995 04 23	10 10.60	+27 56.1	3.887	4.353	111.2	12.4	17.8
1995 05 03	10 12.18	+27 25.7	4.033	4.362	102.4	13.0	17.9
1995 05 13	10 15.19	+26 47.5	4.184	4.372	94.0	13.3	18.0
1995 05 23	10 19.50	+26 02.9	4.338	4.382	85.8	13.3	18.1
1995 06 02	10 24.97	+25 13.0	4.490	4.392	78.0	13.1	18.2
1995 06 12	10 31.43	+24 18.8	4.638	4.403	70.4	12.5	18.3
1995 06 22	10 38.73	+23 21.1	4.780	4.413	63.1	11.8	18.3
1995 07 02	10 46.75	+22 20.6	4.914	4.425	55.9	11.0	18.4
1995 07 12	10 55.37	+21 17.8	5.037	4.436	49.0	10.0	18.5
1995 07 22	11 04.46	+20 13.5	5.148	4.448	42.2	8.8	18.5
1995 08 01	11 13.94	+19 08.0	5.246	4.460	35.7	7.6	18.6

Periodic Comet Gunn

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_2
1994 09 15	09 48.57	+21 37.3	4.901	4.071	30.9	7.3	17.0
1994 09 25	09 59.33	+20 55.1	4.792	4.048	37.9	8.7	17.0
1994 10 05	10 09.74	+20 14.9	4.668	4.024	45.0	10.1	17.0
1994 10 15	10 19.69	+19 37.9	4.530	4.000	52.4	11.4	17.0
1994 10 25	10 29.08	+19 04.9	4.380	3.976	59.9	12.5	16.9
1994 11 04	10 37.81	+18 37.1	4.219	3.951	67.7	13.4	16.9
1994 11 14	10 45.74	+18 15.9	4.051	3.926	75.7	14.1	16.8
1994 11 24	10 52.72	+18 02.4	3.877	3.900	84.1	14.6	16.7
1994 12 04	10 58.58	+17 57.8	3.701	3.875	92.7	14.7	16.6
1994 12 14	11 03.13	+18 03.4	3.526	3.849	101.7	14.5	16.5
1994 12 24	11 06.20	+18 19.9	3.357	3.822	111.1	13.9	16.3
1995 01 03	11 07.59	+18 47.6	3.197	3.796	120.8	12.9	16.2
1995 01 13	11 07.15	+19 26.1	3.051	3.769	130.9	11.4	16.0
1995 01 23	11 04.82	+20 13.7	2.923	3.741	141.2	9.5	15.8
1995 02 02	11 00.65	+21 07.6	2.819	3.714	151.4	7.3	15.6
1995 02 12	10 54.85	+22 03.5	2.740	3.686	160.6	5.1	15.4
1995 02 22	10 47.87	+22 56.4	2.691	3.658	165.8	3.8	15.3
1995 03 04	10 40.27	+23 41.3	2.672	3.630	162.5	4.7	15.3
1995 03 14	10 32.78	+24 14.0	2.682	3.601	153.9	7.0	15.4
1995 03 24	10 26.09	+24 31.9	2.719	3.572	143.9	9.5	15.6
1995 04 03	10 20.77	+24 34.2	2.779	3.543	133.7	11.8	15.7
1995 04 13	10 17.23	+24 21.6	2.858	3.514	123.7	13.7	15.8
1995 04 23	10 15.67	+23 55.6	2.951	3.485	114.1	15.3	15.9
1995 05 03	10 16.10	+23 17.9	3.055	3.455	105.0	16.4	16.0
1995 05 13	10 18.47	+22 30.2	3.164	3.426	96.3	17.0	16.1
1995 05 23	10 22.58	+21 34.2	3.275	3.396	88.1	17.3	16.1
1995 06 02	10 28.26	+20 31.0	3.385	3.366	80.3	17.3	16.2
1995 06 12	10 35.32	+19 21.5	3.492	3.336	72.8	16.9	16.2
1995 06 22	10 43.55	+18 06.5	3.592	3.306	65.6	16.3	16.3

1995 07 02	10 52.80	+16 46.7	3.685	3.275	58.8	15.4	16.3
1995 07 12	11 02.93	+15 22.5	3.768	3.245	52.1	14.3	16.2
1995 07 22	11 13.79	+13 54.5	3.841	3.215	45.7	13.1	16.2
1995 08 01	11 25.31	+12 23.0	3.903	3.185	39.5	11.7	16.2
1995 08 11	11 37.38	+10 48.7	3.952	3.155	33.4	10.2	16.1

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	MPC
1987 SL ₁₀	94 07 28.2	20 29.50	-11 40.5	17.5	-0.65	- 3.7	1.8/29.9	21971
1989 SV ₁	94 07 28.2	20 29.56	-18 54.3	17.1	-0.81	- 3.6	0.0/28.3	21938
1988 XD ₁	94 07 28.3	20 30.05	-26 02.6	16.9	-1.13	- 4.6	2.9/26.9	23537
1993 FT ₃₃	94 07 28.4	20 30.33	-26 25.1	16.3	-0.91	- 3.4	2.8/26.9	23526
1973 SS ₄	94 07 28.4	20 30.47	-45 07.0	16.1	-1.02	- 1.3	6.7/23.0	20327
(6051)	94 07 28.4	20 30.52	-14 37.7	16.0	-0.76	- 9.0	1.4/29.7	23776
3164 T-3	94 07 28.5	20 30.74	+01 16.3	17.2	-0.82	- 4.2	7.5/02.0	21978
3045 P-L	94 07 28.7	20 31.30	-30 41.8	15.6	-1.14	+ 3.5	5.3/27.2	22086
1991 UV	94 07 28.7	20 31.51	-14 45.4	14.9	-0.91	- 3.2	2.1/29.6	23869
1992 BH	94 07 28.8	20 31.82	-12 18.9	16.9	-0.74	- 6.5	1.8/30.5	23790
(6059)	94 07 28.8	20 32.14	-18 35.9	15.9	-0.96	- 1.6	0.1/28.9	23852
1977 RL ₇	94 07 28.9	20 32.05	+02 28.4	16.8	-0.84	- 4.2	8.5/02.0	22073
(5557)	94 07 28.9	20 32.43	-28 40.8	15.5	-1.05	- 1.8	4.1/27.2	22045
1985 RR ₄	94 07 29.0	20 32.87	-05 28.1	17.0	-0.77	- 5.6	5.5/01.4	23788
1987 SX ₁₇	94 07 29.1	20 33.09	-11 16.2	14.6	-0.83	- 1.0	4.1/30.6	15415
3040 P-L	94 07 29.2	20 33.64	-13 48.7	16.2	-0.96	+ 1.9	2.3/30.0	21977
1989 CB ₆	94 07 29.3	20 33.88	-19 33.4	18.4	-0.99	- 4.3	0.3/29.2	23514
1988 BX	94 07 29.4	20 34.31	-06 13.8	14.6	-1.55	+10.2	6.7/29.9	23868
1993 FZ ₁₂	94 07 29.6	20 35.14	-17 25.8	14.6	-0.85	- 5.9	0.5/30.0	23870
1990 SY ₃	94 07 29.6	20 35.20	-07 28.2	15.7	-0.97	+ 2.3	4.9/31.3	17641
1993 ER	94 07 29.7	20 35.56	-19 57.5	16.2	-1.03	- 3.8	0.5/29.5	23539
1993 FU ₁₇	94 07 29.9	20 36.02	-31 40.0	16.4	-1.16	- 4.6	5.4/27.0	23523
1992 BF ₄	94 07 29.9	20 36.41	-22 19.4	18.4	-0.88	- 3.2	1.2/29.2	20340
(6045)	94 07 29.9	20 36.42	-12 03.6	15.1	-0.92	- 4.3	3.3/31.5	23774
1988 CH	94 07 30.0	20 36.67	-13 35.8	17.4	-0.92	- 4.5	1.7/31.2	22272
6030 P-L	94 07 30.1	20 37.01	-14 41.5	17.6	-0.68	- 3.0	1.0/31.0	19318
1980 RB ₈	94 07 30.2	20 37.14	-09 22.3	16.7	-0.97	- 2.5	4.0/01.1	23535
1993 CK	94 07 30.2	20 37.42	-26 59.5	15.9	-1.06	- 3.6	3.4/28.5	22957
1993 CP ₁	94 07 30.2	20 37.46	-05 04.0	16.2	-0.84	- 8.1	5.2/03.0	23134
1991 VM ₄	94 07 30.3	20 37.68	-23 40.0	17.6	-1.06	- 3.7	2.0/29.2	22273
1984 CM	94 07 30.4	20 37.99	-34 20.5	16.4	-1.06	- 2.7	5.6/27.0	22589
1993 FA ₅	94 07 30.4	20 38.15	-11 46.1	16.9	-1.00	- 6.0	2.7/32.0	23521
1989 CY ₂	94 07 30.5	20 38.67	-09 29.0	18.2	-0.99	- 3.5	3.5/01.4	21972
(5525)	94 07 30.5	20 38.78	-28 30.0	14.6	-1.15	+ 1.7	5.3/29.0	21922
1978 SA ₅	94 07 30.7	20 39.22	-16 58.8	17.7	-1.09	- 4.2	0.6/31.0	21099
(5946)	94 07 30.7	20 39.50	-14 52.7	17.4	-1.01	- 3.3	1.3/31.5	23501
1984 YE ₄	94 07 30.9	20 40.00	-27 21.2	16.6	-1.06	- 5.6	3.5/28.8	22492
1168 T-3	94 07 31.2	20 41.52	-35 24.5	18.2	-1.14	- 0.5	6.2/27.9	18134
1990 TK ₈	94 07 31.5	20 42.46	-34 53.6	16.9	-0.93	- 3.0	5.4/27.7	22494
2103 P-L	94 07 31.6	20 42.62	-13 08.3	17.4	-0.90	- 3.6	1.9/02.0	21977
1304 T-2	94 07 31.6	20 42.68	-16 28.9	16.7	-0.82	- 3.1	0.6/01.0	22087
(6060)	94 07 31.8	20 43.64	-10 09.4	15.8	-0.81	- 7.8	3.2/03.0	23853
1980 FH ₅	94 08 01.0	20 44.34	-34 39.5	17.1	-1.14	- 0.7	5.7/28.8	21965

3146 T-2	94 08 01.1	20 44.87	-20 35.8	17.7	-1.00	-	5.6	1.0/31.6	23534	(5390)	94 08 05.3	21 01.07	-51 10.6	15.5	-1.43	-14.2	15.3/22.7	21243	
1991 UW ₃	94 08 01.2	20 45.11	-19 02.5	14.7	-1.10	+	0.3	0.5/01.1	23869	2272 T-3	94 08 05.5	21 01.73	-23 35.1	17.4	-1.10	-	3.1	2.7/04.1	21978
1968 OZ	94 08 01.3	20 45.42	-53 25.5	17.6	-1.32	-	5.4	11.2/22.3	22221	1992 BK	94 08 05.5	21 01.76	-21 12.7	17.2	-0.94	-	3.1	1.4/04.6	22084
1992 BW ₃	94 08 01.4	20 45.85	-31 31.9	17.3	-1.01	-	5.3	6.8/28.9	21580	1981 EB ₂₁	94 08 05.6	21 02.13	-16 03.7	19.8	-0.78	-	2.9	0.2/05.8	21967
1986 WZ	94 08 01.5	20 46.49	-14 18.6	16.7	-0.90	-	2.8	1.4/02.4	20924	1966 BB	94 08 05.7	21 02.58	-17 34.7	16.9	-1.00	-	7.2	0.3/05.6	22270
(5562)	94 08 01.6	20 46.64	-25 04.1	16.9	-0.97	-	5.6	2.5/30.9	22047	(6004)	94 08 05.8	21 02.76	-16 22.2	16.2	-1.05	-	3.1	0.2/05.9	23662
1990 QS ₁	94 08 01.7	20 47.03	-22 35.4	17.0	-0.94	-	2.7	1.7/31.7	23537	1981 EK ₁₈	94 08 05.8	21 02.89	-14 57.2	16.9	-0.76	-	3.3	0.5/06.3	23787
2108 T-2	94 08 01.9	20 47.78	-12 07.7	17.0	-0.92	-	4.4	2.7/03.3	21603	1993 FX ₃₇	94 08 05.9	21 03.43	-21 49.6	15.5	-0.91	-	3.7	2.0/04.8	23527
1982 BQ ₂	94 08 01.9	20 47.80	-16 17.6	17.2	-1.00	-	5.7	0.6/02.3	22492	1988 XV ₂	94 08 06.0	21 03.74	-13 36.4	17.4	-1.11	-	2.7	1.4/06.7	22493
1981 BC	94 08 01.9	20 47.87	-24 55.9	18.1	-1.13	-	1.1	2.6/31.6	23510	2712 P-L	94 08 06.0	21 03.76	-18 33.5	17.2	-0.89	-	4.9	0.7/05.6	23531
1991 RC ₄	94 08 02.0	20 48.14	-12 54.1	16.9	-1.02	-	3.8	2.0/03.1	23538	(5600)	94 08 06.5	21 05.54	-28 12.8	15.6	-1.05	-	6.5	5.1/03.4	22216
(5477)	94 08 02.1	20 48.54	-64 54.6	15.1	-1.91	-	3.6	23.1/18.0	21775	1978 GA	94 08 06.6	21 05.80	-11 22.5	17.5	-0.93	-	6.8	1.9/08.0	22270
1989 BA	94 08 02.1	20 48.57	-41 03.1	17.6	-1.38	+	1.0	7.4/29.1	22401	1986 QZ ₂	94 08 06.7	21 06.25	-32 12.8	15.8	-1.09	-	0.3	6.7/03.6	22077
1979 QC ₂	94 08 02.3	20 49.19	-15 51.5	16.5	-0.82	-	3.9	0.6/02.8	23787	(6041)	94 08 06.7	21 06.35	+06 35.4	15.0	-0.43	-	8.0	12.7/16.2	23773
1993 FR ₂₃	94 08 02.4	20 49.91	-27 47.5	15.7	-1.16	-	1.8	4.7/31.4	23525	(5591)	94 08 07.0	21 07.31	-10 48.7	15.7	-0.83	-	4.6	2.1/08.5	22213
1983 RB ₂	94 08 02.6	20 50.38	-00 01.2	16.1	-0.82	-	8.6	7.6/07.8	23536	2078 T-2	94 08 07.0	21 07.47	-09 14.6	16.9	-0.89	-	5.8	3.4/08.9	23681
1260 T-2	94 08 02.6	20 50.38	-08 28.0	18.6	-0.84	-	4.9	3.0/04.9	15078	6614 P-L	94 08 07.2	21 08.17	-17 52.4	16.8	-0.87	-	5.1	0.6/06.9	23532
1993 JL ₁	94 08 02.7	20 51.20	-16 54.3	18.0	-0.75	-	3.2	0.2/03.0	22958	(6071)	94 08 07.2	21 08.44	-10 42.5	15.6	-0.81	-	7.4	1.9/08.9	23855
1986 SZ ₁	94 08 02.8	20 51.47	-00 48.0	15.1	-0.92	-	1.1	5.7/06.3	20814	1981 FC ₁	94 08 07.2	21 08.49	-25 40.4	17.2	-0.83	-	2.1	2.4/05.1	23857
1993 FF ₂₆	94 08 02.9	20 51.62	-21 58.9	17.0	-1.14	-	2.5	1.9/02.0	23525	1987 DW ₆	94 08 07.3	21 08.76	-18 36.5	16.6	-0.80	-	3.3	0.7/06.8	22599
1978 NQ ₁	94 08 03.1	20 52.61	-12 52.4	14.9	-0.98	-	0.5	2.6/04.1	23787	1991 VK ₄	94 08 07.4	21 08.81	-15 08.9	15.0	-1.02	-	2.2	0.6/07.7	23869
3268 T-3	94 08 03.2	20 52.71	-07 25.6	19.5	-0.96	-	4.7	4.1/05.6	20518	1991 UU ₃	94 08 07.6	21 10.03	-19 39.2	15.0	-0.96	-	2.7	1.7/06.9	23869
1986 GC	94 08 03.2	20 52.73	-30 08.1	16.9	-1.06	-	4.4	5.2/31.3	22077	(5574)	94 08 07.7	21 09.99	-12 32.3	16.1	-0.83	-	7.9	1.2/08.8	22206
1989 GJ	94 08 03.2	20 52.81	-12 33.5	15.0	-0.76	-	11.7	2.1/04.8	23868	(5695)	94 08 07.8	21 10.49	-03 46.5	16.9	-0.81	-	6.7	4.2/11.4	22585
(5624)	94 08 03.4	20 53.83	-10 50.5	16.0	-0.75	-	6.2	2.2/05.3	22393	1991 VR ₃	94 08 07.8	21 10.70	-20 20.0	16.2	-1.03	-	7.7	1.8/06.8	23869
1988 TJ ₂	94 08 03.5	20 54.08	-26 26.7	16.3	-1.16	-	2.3	4.1/01.7	23868	1981 EH ₁	94 08 07.9	21 10.97	-13 21.0	17.5	-0.73	-	4.6	0.8/08.7	22429
1987 QS	94 08 03.5	20 54.11	-20 08.0	16.2	-1.06	+	0.9	1.3/03.1	22599	1981 ED ₃₅	94 08 08.1	21 11.61	-18 07.5	19.0	-1.00	-	4.0	0.7/07.7	21967
1987 DP ₆	94 08 03.5	20 54.18	-15 22.6	18.0	-0.78	-	4.7	0.6/04.1	22078	(5612)	94 08 08.2	21 12.18	-28 59.3	16.7	-1.02	-	4.4	4.6/05.0	22389
1994 JO ₁	94 08 03.7	20 54.91	-33 45.8	14.6	-0.58	-	7.9	9.5/29.2	23865	1981 EJ ₇	94 08 08.2	21 12.26	-14 23.4	16.6	-0.83	-	1.4	0.6/08.7	23787
1988 BW	94 08 03.8	20 55.10	-21 32.7	16.9	-1.02	-	0.4	1.4/03.0	22400	1988 BP ₃	94 08 08.3	21 12.50	-10 09.3	15.3	-0.78	-	7.4	2.4/10.1	23789
(5734)	94 08 03.8	20 55.13	-24 13.5	16.6	-1.00	-	6.6	2.6/02.1	22676	1991 UK ₂	94 08 08.4	21 12.73	-05 31.3	15.8	-0.94	-	5.2	4.4/11.1	23869
4060 P-L	94 08 03.8	20 55.27	-14 52.3	18.0	-0.89	-	3.5	0.9/04.4	22086	1982 BP ₂	94 08 08.4	21 12.86	-12 07.1	16.9	-1.00	-	4.1	1.6/09.4	23868
4096 T-2	94 08 03.9	20 55.40	-07 11.5	18.3	-0.74	-	5.9	3.5/06.7	23867	1993 FW ₃₇	94 08 08.7	21 14.11	-02 09.6	17.4	-0.82	-	6.6	4.7/12.8	23527
1981 EG ₃₉	94 08 03.9	20 55.52	-22 37.2	17.6	-0.86	-	1.9	1.9/02.8	23788	1986 UO	94 08 08.8	21 14.31	-21 01.4	16.3	-0.89	-	2.9	2.4/07.6	23868
1988 AX ₁	94 08 03.9	20 55.54	-15 51.7	17.4	-1.01	-	0.3	0.5/04.2	21971	1981 EN ₂	94 08 08.8	21 14.39	-04 24.4	20.0	-0.76	-	2.4	3.3/11.7	22429
1992 DB ₁₀	94 08 04.0	20 55.85	-09 24.0	18.2	-0.73	-	4.1	2.6/06.0	23861	1991 AG ₂	94 08 09.2	21 16.06	-08 08.1	16.8	-0.81	-	10.8	3.1/11.7	17833
1990 KM	94 08 04.1	20 56.47	+16 52.9	16.2	-0.87	-	5.0	13.9/15.3	23869	1981 ED ₁₂	94 08 09.3	21 16.18	+01 04.2	17.7	-0.85	-	5.8	6.0/14.2	23511
(5598)	94 08 04.1	20 56.63	-12 53.6	15.8	-1.09	-	2.4	1.8/05.1	22215	1990 HG	94 08 09.5	21 17.09	-57 39.7	16.8	-1.57	-	1.6	16.6/28.1	20506
1081 T-1	94 08 04.3	20 57.36	-15 25.4	17.6	-0.80	-	3.0	0.6/04.8	19877	1987 DK ₆	94 08 09.7	21 17.60	-16 40.0	15.8	-1.05	-	2.4	0.5/09.5	22078
1981 EY ₁₇	94 08 04.4	20 57.62	-14 51.5	17.2	-0.95	-	4.7	0.9/05.0	22823	(5932)	94 08 09.7	21 17.97	-17 11.6	16.8	-0.89	-	4.8	0.5/09.4	23498
(5487)	94 08 04.5	20 58.13	-20 14.8	15.4	-1.01	-	3.0	1.3/03.9	22799	(5980)	94 08 10.1	21 19.17	-19 55.6	14.8	-1.06	-	2.4	2.0/09.1	23509
1982 DU	94 08 04.7	20 58.61	-31 42.7	17.8	-0.97	-	0.5	3.9/01.7	22075	2594 P-L	94 08 10.1	21 19.49	-14 46.6	18.0	-0.81	-	4.7	0.3/10.4	23791
1993 FO ₃₆	94 08 04.7	20 58.69	-04 47.1	16.1	-0.76	-	6.6	4.9/08.3	23870	3159 T-2	94 08 10.2	21 19.82	-04 41.7	17.1	-0.79	-	8.3	4.2/13.6	17653
1989 GM	94 08 04.7	20 58.71	-25 42.6	15.4	-0.86	-	12.0	3.4/02.0	23868	2547 P-L	94 08 10.3	21 20.05	-19 20.6	17.6	-0.78	-	4.0	1.4/09.3	22700
1991 UM ₁	94 08 04.8	20 59.05	-21 45.1	14.4	-0.99	+	0.9	2.6/04.0	23869	1993 BH ₂	94 08 10.5	21 20.97	-18 22.2	15.3	-0.94	-	6.2	1.2/09.8	21947
1981 QW ₂	94 08 04.8	20 59.22	-25 50.7	16.3	-0.94	-	3.4	4.7/02.8	20329	1989 BV ₁	94 08 10.7	21 21.41	-16 31.3	16.9	-0.98	-	3.9	0.4/10.4	23537
1977 DU	94 08 04.9	20 59.35	-22 22.0	17.1	-1.03	-	2.0	1.9/03.8	22270	1991 SM ₂	94 08 11.1	21 22.99	-26 26.4	16.9	-1.12	-	2.8	4.6/08.5	23517
1973 QG ₂	94 08 05.1	21 00.21	-21 44.7	16.0	-0.85	-	3.6	1.7/04.0	22270	1992 YC ₃	94 08 11.1	21 23.25	+07 16.4	16.3	-1.47	+	6.8	12.0/13.6	23869
1978 VX ₃	94 08 05.2	21 00.38	-11 53.7	18.3	-0.90	-	3.4	1.8/06.4	22073	1986 CD ₂	94 08 11.3	21 24.03	-22 52.2	17.6	-1.11	-	3.1	3.0/09.6	23536
1991 PF ₁₀	94 08 05.2	21 00.59	-16 02.7	16.0	-1.00	-	5.9	0.5/05.5	22494	1989 UN ₃	94 08 11.5	21 24.80	-14 24.3	16.6	-0.76	-	4.4	0.3/11.8	23869
1979 QW ₃	94 08 05.2	21 00.72	-16 10.2	17.1	-0.97	-	4.6	0.3/05.5	20328	1986 GF	94 08 11.6	21 24.97	+18 55.9	17.7	-0.90	-	6.2	11.3/23.3	22430

(5596)	94 08 11.6	21 25.14	-08 32.1	15.5	-1.05	- 3.8	2.7/13.3	22215	2566 P-L	94 08 17.2	21 46.25	-10 55.4	18.5	-0.94	- 5.4	1.0/18.0	14626
1157 T-2	94 08 11.7	21 25.46	-10 58.1	18.5	-0.97	- 5.3	1.6/12.9	22087	1993 DT ₁	94 08 17.3	21 46.23	-08 25.2	17.5	-0.87	- 5.9	2.1/18.8	22060
1993 FU ₁₁	94 08 11.7	21 25.62	-16 56.3	16.4	-0.86	- 5.9	0.7/11.3	23523	1989 SA ₃	94 08 17.7	21 47.87	-25 19.5	17.7	-0.80	- 4.0	3.5/14.2	22081
3174 T-1	94 08 12.1	21 27.04	-27 54.7	16.6	-1.13	- 0.2	5.7/09.4	22087	1983 EU	94 08 17.7	21 48.10	-08 30.4	16.3	-0.95	- 6.7	1.9/19.2	23868
2649 P-L	94 08 12.2	21 27.08	-01 37.4	17.5	-0.81	- 6.4	4.5/16.2	23680	1991 UU	94 08 17.9	21 48.86	-01 16.3	15.0	-0.85	- 5.2	6.1/22.0	23869
1976 GH ₂	94 08 12.2	21 27.38	-13 57.7	16.0	-0.76	- 4.1	0.4/12.6	23787	1981 ED ₃₄	94 08 18.1	21 49.40	-11 45.3	18.3	-0.97	- 3.7	0.6/18.5	22271
1988 CX ₄	94 08 12.7	21 28.96	-03 24.9	18.5	-0.80	- 6.0	4.0/16.1	15889	(6064)	94 08 18.2	21 49.69	-10 26.9	15.3	-0.89	- 9.1	1.3/19.1	23854
2092 T-2	94 08 13.0	21 30.50	-09 11.6	17.9	-0.84	- 5.4	1.8/14.7	15082	1981 EW ₃₁	94 08 18.3	21 50.10	-06 44.1	17.9	-0.70	- 6.8	2.1/20.4	22074
4523 P-L	94 08 13.2	21 30.88	-13 33.1	17.7	-0.51	- 2.5	0.2/13.6	18130	1991 VO	94 08 18.3	21 50.19	-03 23.9	16.2	-0.90	- 6.0	3.7/21.2	22600
1991 UB ₂	94 08 13.2	21 30.94	-02 42.1	16.1	-0.93	- 4.6	5.2/16.5	23869	4580 P-L	94 08 18.3	21 50.25	+01 03.6	16.4	-0.67	- 9.9	6.1/23.5	23870
1990 QA ₂	94 08 13.2	21 31.06	-14 42.6	16.8	-0.90	- 3.7	0.0/13.2	22082	1980 PB ₁	94 08 18.5	21 50.77	-05 22.8	15.1	-0.75	-11.1	3.6/21.2	19013
(5617)	94 08 13.2	21 31.15	-05 53.1	16.8	-0.93	- 4.1	3.0/15.6	22391	1978 VP ₁₁	94 08 18.5	21 51.04	-17 09.5	15.9	-0.76	- 4.7	1.5/17.3	21927
1990 VC ₁	94 08 13.6	21 32.68	-24 47.6	16.3	-0.89	- 8.4	3.7/10.4	22826	1983 CA ₁	94 08 18.5	21 51.09	-15 37.1	16.9	-0.88	- 2.6	0.8/17.9	22492
(5558)	94 08 13.7	21 32.72	-16 04.7	15.1	-0.96	-25.5	0.7/13.1	22045	1982 UA ₇	94 08 18.7	21 51.53	-38 22.8	15.5	-0.99	- 5.6	10.3/09.9	22271
1991 VM	94 08 13.8	21 33.15	-22 37.7	16.2	-1.00	- 7.6	3.6/11.4	23860	1990 YE	94 08 18.8	21 51.90	-15 12.0	17.3	-0.76	- 4.2	0.6/18.2	22083
9575 P-L	94 08 13.8	21 33.18	-20 41.7	16.6	-0.93	- 6.1	3.3/12.0	19877	1983 RR ₄	94 08 18.8	21 52.03	-01 48.0	15.5	-0.71	-13.6	5.0/23.1	23868
1991 VG ₂	94 08 13.9	21 33.79	-14 00.9	17.2	-0.95	- 5.7	0.2/14.1	19519	1991 XC	94 08 19.1	21 53.33	-36 04.1	17.7	-1.33	- 0.4	7.8/13.3	20030
1979 MS ₄	94 08 13.9	21 33.85	-14 00.2	18.0	-0.89	- 6.7	0.2/14.1	19291	1987 HM ₁	94 08 19.2	21 53.60	-30 23.7	16.2	-0.86	- 2.3	5.5/14.3	23669
1053 T-2	94 08 14.0	21 33.98	-13 14.8	17.0	-0.90	- 4.7	0.5/14.4	23791	1981 TW ₁	94 08 19.3	21 53.72	+03 10.4	14.7	-0.69	- 3.1	9.0/24.3	22074
1992 EZ ₇	94 08 14.1	21 34.26	-07 08.3	17.2	-0.83	- 8.0	2.5/16.3	23783	1985 CJ ₁	94 08 19.4	21 54.38	-19 23.8	17.0	-0.97	- 5.0	2.4/17.6	23868
1981 EZ ₃₇	94 08 14.1	21 34.32	-05 57.2	19.4	-0.72	- 5.0	2.6/16.6	22271	1993 GR	94 08 19.6	21 55.01	-19 25.4	16.9	-0.87	- 3.9	2.2/17.8	22432
4255 T-1	94 08 14.1	21 34.33	-12 16.3	18.9	-0.94	- 6.1	0.8/14.7	19327	1988 LH	94 08 19.6	21 55.09	-03 44.7	18.1	-0.76	- 4.2	2.5/22.4	22825
1982 UU ₅	94 08 14.3	21 35.22	-08 14.9	15.7	-0.89	- 3.0	2.5/15.9	22271	1980 CR	94 08 19.9	21 55.90	-13 22.6	15.8	-0.84	- 7.7	0.3/19.7	23868
3013 T-2	94 08 14.4	21 35.56	-11 46.8	17.3	-0.85	- 5.9	0.9/15.2	17836	1989 TT ₂	94 08 20.0	21 56.62	-16 18.5	15.9	-0.73	- 6.3	1.3/18.9	22081
1991 RA ₅	94 08 14.4	21 35.75	-17 06.1	17.7	-1.06	- 3.4	1.1/13.8	23517	1981 EA ₄₁	94 08 20.2	21 57.06	-06 55.7	19.1	-0.71	- 5.1	1.6/22.0	22271
1251 T-2	94 08 14.6	21 36.16	-13 56.6	18.2	-0.76	- 4.0	0.1/14.7	22701	1992 AE ₁	94 08 20.4	21 57.83	-24 30.9	17.1	-0.85	- 5.8	3.5/16.6	22815
1993 FX ₄₀	94 08 14.6	21 36.41	+00 24.6	17.5	-0.77	- 8.5	5.3/19.6	23527	(5564)	94 08 20.6	21 58.53	-23 57.3	16.2	-0.93	- 5.6	4.2/17.2	22048
1990 VA ₇	94 08 14.8	21 37.07	-43 52.3	16.3	-0.97	- 2.3	8.0/06.1	22083	1981 EJ ₁₅	94 08 20.7	21 59.05	-08 53.0	17.6	-0.94	- 4.3	1.4/21.7	22270
1986 TW ₉	94 08 15.4	21 39.22	-09 27.8	15.1	-0.94	- 0.6	2.1/16.5	23868	1990 TA ₁₃	94 08 21.0	21 59.95	-28 14.1	16.8	-0.87	- 2.9	4.8/16.4	20507
1989 HG	94 08 15.4	21 39.33	+03 24.5	17.5	-0.81	- 7.3	5.7/21.1	23868	1983 RT ₁	94 08 21.0	22 00.32	-19 31.8	16.5	-1.02	- 1.0	3.4/19.3	22484
1981 ES ₉	94 08 15.5	21 39.89	-02 19.9	18.5	-0.71	- 5.0	3.5/19.1	23787	(5506)	94 08 21.3	22 01.37	-19 03.9	16.8	-1.00	- 4.0	2.4/19.5	21914
1985 HL	94 08 15.6	21 40.28	-08 32.1	18.0	-0.87	- 6.3	1.7/17.3	22076	9518 P-L	94 08 21.4	22 01.62	-15 31.4	16.9	-0.95	- 3.7	1.5/20.5	18132
1987 US ₄	94 08 15.9	21 41.11	-16 24.6	15.8	-0.99	- 3.2	1.2/15.3	23868	1981 DG ₃	94 08 21.6	22 02.45	-12 02.3	15.3	-0.87	- 0.6	0.0/21.7	21966
1981 EY ₁₂	94 08 15.9	21 41.19	-01 29.1	18.4	-0.89	- 5.4	4.2/19.5	21966	1990 QA ₈	94 08 21.9	22 03.34	-11 56.9	16.9	-0.75	- 7.0	11.3/02.0	21974
5568 P-L	94 08 16.0	21 41.46	-27 54.4	16.5	-0.98	- 2.6	5.7/12.3	22601	5469 T-2	94 08 22.0	22 03.88	+00 36.2	17.0	-0.95	- 4.3	4.8/25.6	20517
1993 CN ₁	94 08 16.0	21 41.61	-07 14.4	15.5	-0.99	- 5.3	2.9/17.9	22086	1981 EW ₂₀	94 08 22.0	22 03.91	-12 59.9	16.5	-0.76	- 3.9	0.4/21.7	23788
5162 T-2	94 08 16.1	21 41.90	-12 05.1	15.8	-0.86	- 1.2	0.6/16.6	22701	(5584)	94 08 22.1	22 04.27	+04 30.8	16.4	-0.78	- 7.5	5.6/27.8	22210
1993 HV	94 08 16.2	21 42.21	+00 55.5	14.7	-0.62	- 7.7	5.1/21.3	23870	1992 EL ₁	94 08 22.1	22 04.30	-28 10.8	15.8	-0.84	- 4.9	5.2/16.9	22827
1992 CT	94 08 16.2	21 42.22	-18 41.9	16.3	-0.84	- 4.5	1.7/14.8	19873	1981 EM ₁₂	94 08 22.4	22 05.35	-17 12.0	19.7	-0.91	0.0	1.7/21.1	11045
1977 EO ₁	94 08 16.3	21 42.49	-18 25.6	16.5	-0.82	- 3.9	1.5/15.0	22598	1992 FF	94 08 22.4	22 05.36	-14 33.2	17.1	-0.73	- 3.9	0.7/21.6	23869
4874 P-L	94 08 16.3	21 42.64	-19 40.9	18.2	-0.91	- 4.5	2.2/14.7	22086	1991 AJ ₃	94 08 22.4	22 05.38	+04 37.3	15.9	-0.82	- 1.0	5.1/27.0	22273
1981 EM ₂₆	94 08 16.5	21 43.44	-21 24.7	17.9	-0.82	- 2.4	2.4/14.5	23788	1990 VZ ₄	94 08 22.6	22 06.06	-01 25.8	16.9	-0.72	- 7.2	3.5/26.1	18434
1982 UD ₄	94 08 16.5	21 43.53	-16 26.9	16.8	-0.89	- 3.4	1.3/15.8	20812	1990 XB	94 08 22.6	22 06.16	-27 32.0	16.3	-0.82	- 4.3	4.6/17.7	20150
1992 EO ₆	94 08 16.6	21 43.97	-23 04.1	17.9	-0.95	- 4.6	3.5/14.0	23783	1991 UM	94 08 22.7	22 06.62	-14 19.6	16.0	-1.01	- 4.5	1.2/22.0	23518
1986 RA ₅	94 08 16.8	21 44.49	-17 39.1	15.2	-0.73	- 9.0	1.9/15.5	23788	1993 HF	94 08 22.7	22 06.64	+04 58.9	17.1	-0.87	- 4.8	5.7/28.0	22241
1978 NS	94 08 16.8	21 44.61	-14 21.2	16.8	-0.78	- 4.0	0.3/16.6	23778	1981 EC ₂₃	94 08 22.8	22 06.68	-10 07.2	16.6	-0.75	- 4.2	0.5/23.3	23788
1981 DO ₃	94 08 16.9	21 44.97	-07 39.5	16.8	-0.79	- 2.2	2.0/18.5	23856	1987 ST ₁₁	94 08 22.8	22 06.74	-22 36.9	16.1	-1.01	- 4.4	4.6/19.6	22272
1991 VF ₇	94 08 16.9	21 45.07	-03 42.3	16.0	-0.92	- 4.3	3.9/19.7	23519	1992 AH ₁	94 08 22.9	22 07.18	-14 18.1	18.2	-0.88	- 2.7	0.8/22.2	22084
1990 TT ₁₂	94 08 17.1	21 45.84	-15 03.7	16.0	-0.83	- 3.7	0.6/16.7	23869	1493 T-2	94 08 22.9	22 07.34	-13 53.4	19.4	-0.75	- 4.1	0.6/22.3	22087
1981 EB ₃₆	94 08 17.1	21 45.85	-15 46.1	19.6	-0.95	- 4.3	0.8/16.6	21967	1992 EM ₈	94 08 23.0	22 07.37	-19 08.3	17.3	-0.82	- 6.8	2.7/20.6	23783
(5513)	94 08 17.2	21 45.90	-11 41.8	16.0	-1.03	- 4.5	0.7/17.7	21917	1993 LD ₁	94 08 23.3	22 08.64	-13 38.5	17.3	-0.91	- 0.4	0.8/22.8	22489

1985 CN ₂	94 08 23.3	22 08.80	-11 05.7	17.1	-0.93	- 6.2	0.1/23.5	22224	1993 FS ₉	94 08 28.7	22 28.53	-14 30.4	14.5	-0.61	-10.3	2.5/26.9	23522
1988 XT	94 08 23.4	22 08.83	-09 53.7	16.9	-0.99	- 5.4	0.6/23.9	23537	1981 EQ ₉	94 08 29.0	22 29.59	-03 39.4	17.8	-0.71	- 4.9	1.6/31.0	23787
(5636)	94 08 23.4	22 09.21	-13 12.1	15.4	-0.80	- 5.6	0.7/22.9	22477	1981 WS ₁	94 08 29.1	22 29.68	-22 45.5	15.6	-0.96	- 4.1	6.5/25.2	19496
(5605)	94 08 23.6	22 09.74	-16 32.9	16.1	-1.05	- 4.0	2.0/22.2	22218	1990 UL ₁₁	94 08 29.2	22 30.16	-14 54.8	15.4	-0.84	- 5.0	2.0/27.5	23860
1990 WE	94 08 23.7	22 10.05	-23 31.4	16.7	-0.87	- 5.9	3.8/19.8	22700	1978 TP ₆	94 08 29.2	22 30.29	-09 04.4	17.0	-0.78	- 3.5	0.1/29.4	20806
1993 HK	94 08 23.8	22 10.50	-13 18.6	17.1	-0.91	- 6.2	0.7/23.2	22596	1993 FQ	94 08 29.4	22 31.14	+02 31.1	17.5	-0.88	- 6.5	4.1/02.3	22061
(5426)	94 08 23.9	22 10.89	-48 53.6	16.9	-1.37	- 8.0	15.1/09.5	21549	1979 QP	94 08 29.5	22 31.14	-08 19.2	17.3	-0.80	- 4.4	0.3/29.8	21928
1104 T-1	94 08 24.1	22 11.81	-20 04.7	16.9	-1.16	- 0.6	3.6/22.1	22701	1988 XB ₅	94 08 29.6	22 31.64	-17 57.9	16.6	-1.02	- 5.4	3.3/27.0	22226
1988 RA ₁₁	94 08 24.2	22 11.82	-13 32.8	17.6	-0.71	- 4.8	0.7/23.5	22825	1986 CB ₂	94 08 29.8	22 32.52	-03 45.6	16.9	-1.01	- 4.2	2.2/31.4	22052
3045 T-3	94 08 24.2	22 11.94	-32 51.4	15.9	-0.90	- 1.5	6.8/17.9	22088	1991 BM ₂	94 08 30.0	22 33.28	-09 36.9	18.0	-0.75	- 4.3	0.1/29.9	23869
1985 TB ₁	94 08 24.6	22 13.39	-09 11.7	15.7	-0.81	- 4.6	0.6/25.2	20012	4092 T-3	94 08 30.1	22 33.59	-00 48.3	17.1	-0.76	- 8.4	2.6/02.1	23540
1975 EA ₃	94 08 24.6	22 13.66	-16 24.6	16.7	-1.00	- 4.4	2.0/23.2	23868	4063 P-L	94 08 30.2	22 33.70	-07 56.5	18.8	-0.98	- 3.8	0.4/30.5	22086
1990 QT ₄	94 08 24.9	22 14.30	-26 05.6	16.4	-1.14	+ 0.3	5.8/21.2	22403	1976 YA	94 08 30.2	22 33.93	+16 29.8	16.5	-0.82	- 3.9	8.6/07.6	21964
(5502)	94 08 24.9	22 14.34	-19 21.1	16.3	-1.02	- 0.9	3.0/22.8	21912	1991 YE	94 08 30.9	22 36.30	-14 44.7	17.8	-0.83	- 5.6	1.8/29.0	22405
1982 WE	94 08 25.0	22 14.75	-33 43.2	17.1	-1.01	- 4.0	7.5/17.7	22075	1981 UB ₂₃	94 08 30.9	22 36.44	-11 27.4	15.7	-0.81	- 6.4	1.0/30.1	20498
1990 DA ₁	94 08 25.1	22 15.43	-13 00.2	13.8	-1.12	+ 3.8	1.2/24.8	23869	2672 T-3	94 08 31.1	22 37.08	+07 11.4	16.1	-0.59	- 9.1	6.0/06.5	22432
2196 P-L	94 08 25.2	22 15.42	-08 58.6	17.0	-1.00	- 5.2	0.7/25.7	20514	1992 CU	94 08 31.1	22 37.13	-23 03.3	16.6	-0.78	- 4.7	4.0/26.4	19873
1978 VG ₈	94 08 25.4	22 16.21	-20 31.7	16.6	-0.76	- 4.1	4.9/22.3	22598	1993 FG ₂₃	94 08 31.3	22 37.98	-04 44.6	16.1	-0.99	- 5.5	1.7/01.5	23524
2037 P-L	94 08 25.4	22 16.30	-27 48.4	17.9	-0.98	+ 0.6	5.4/21.2	22086	1990 ST ₁₀	94 08 31.7	22 39.45	-11 26.1	15.3	-1.10	+ 0.3	1.2/31.1	23789
1993 FZ ₇	94 08 25.4	22 16.59	-18 41.2	17.5	-1.02	- 5.1	3.4/23.2	23522	1981 EA ₄₀	94 08 31.8	22 39.51	-10 29.6	17.9	-0.72	- 5.4	0.7/31.1	23788
1984 HO ₁	94 08 25.5	22 16.82	-16 16.1	16.8	-1.07	- 4.0	2.6/24.0	21104	1981 EY ₂₆	94 08 31.8	22 39.66	-08 52.1	16.2	-0.78	- 3.1	0.1/31.7	23868
1989 GL ₄	94 08 25.5	22 16.88	+07 07.0	17.1	-0.81	- 8.1	6.3/31.9	23514	4206 T-1	94 08 31.9	22 40.09	-09 49.7	18.5	-0.92	- 6.3	0.5/31.5	19326
1987 SW ₁	94 08 25.7	22 17.23	+08 25.0	15.8	-0.80	- 7.1	8.6/01.2	21971	1989 GG ₄	94 08 31.9	22 40.21	-00 15.8	16.4	-0.87	- 6.7	2.9/03.6	22402
3262 T-2	94 08 25.7	22 17.57	-18 42.1	14.1	-0.85	- 2.4	4.4/23.5	23870	1985 AE	94 09 01.1	22 40.59	-09 34.1	17.5	-0.92	- 6.2	0.4/31.7	12005
1988 FK	94 08 25.8	22 17.89	-10 24.6	16.0	-0.94	-22.2	0.1/25.9	21971	1991 NF	94 09 01.1	22 40.65	+35 15.4	16.2	-1.45	+ 5.0	20.1/14.5	22055
1990 UJ ₁	94 08 25.9	22 18.02	+10 42.6	16.7	-0.81	- 5.2	7.6/01.8	20149	(5639)	94 09 01.1	22 40.69	-16 59.5	15.5	-0.91	-29.0	3.7/28.4	22478
1991 UE ₃	94 08 25.9	22 18.36	-26 18.0	15.1	-0.93	- 4.9	7.7/21.1	19514	1987 SN ₃	94 09 01.3	22 41.56	+01 17.9	15.9	-0.78	- 8.7	4.4/04.8	23868
1993 FC ₁	94 08 26.0	22 18.42	+07 27.1	16.4	-0.80	- 7.1	6.1/01.3	23870	1989 UB ₈	94 09 01.4	22 41.78	-01 32.8	16.4	-0.73	- 5.5	2.3/03.7	22699
7610 P-L	94 08 26.1	22 19.00	-15 00.9	17.5	-0.97	- 6.8	1.7/24.8	21950	1993 JB ₁	94 09 01.4	22 41.91	+01 31.3	18.2	-0.89	- 5.8	3.2/04.6	23863
1981 EB ₁	94 08 26.3	22 19.71	-11 40.0	16.4	-0.73	- 4.8	0.4/26.0	23787	1985 CU ₁	94 09 01.5	22 42.05	+06 44.9	16.9	-1.41	+ 5.0	6.4/04.0	19673
1984 SS ₁	94 08 26.3	22 19.80	-03 57.1	18.3	-0.96	- 5.9	2.3/28.3	14786	1985 FH	94 09 01.6	22 42.67	-07 08.2	17.0	-0.84	- 8.5	0.3/02.0	22271
1982 WA	94 08 26.3	22 19.82	+07 13.3	18.1	-0.87	- 3.7	5.8/31.6	7841	1986 UH ₃	94 09 01.8	22 43.50	-07 26.1	16.3	-0.85	- 4.6	0.3/02.1	22078
1951 WH	94 08 26.6	22 20.97	-21 45.1	15.5	-1.01	- 4.5	5.5/23.2	22491	1991 UO ₄	94 09 01.9	22 43.81	-07 28.8	15.1	-1.08	- 1.7	0.3/02.1	22084
1978 SE ₅	94 08 26.7	22 21.00	+02 07.0	16.1	-0.79	- 7.4	4.7/30.9	21964	1981 EM ₅	94 09 02.0	22 43.94	+04 05.1	19.1	-0.76	- 3.6	3.6/05.9	22429
1990 SL ₂₈	94 08 26.7	22 21.20	-09 43.3	15.0	-0.83	- 3.9	10.6/16.0	23869	2202 T-1	94 09 02.0	22 44.14	-08 20.2	17.6	-0.78	- 5.9	0.1/02.0	23533
1993 HZ	94 08 26.7	22 21.22	-06 59.2	15.5	-0.85	- 4.1	1.3/27.8	23870	1981 ET ₄₃	94 09 02.2	22 44.76	+11 43.6	20.1	-0.66	- 8.9	5.1/09.9	22271
1987 SF ₇	94 08 26.7	22 21.26	+31 18.8	15.6	-1.12	+11.0	22.1/01.1	22430	1988 CN ₄	94 09 02.2	22 44.78	-00 08.8	17.3	-0.85	- 6.0	2.6/04.8	21971
1992 EF	94 08 27.0	22 22.35	+02 58.3	16.5	-0.78	- 3.2	3.9/31.1	23869	2098 P-L	94 09 02.4	22 45.66	+05 34.0	15.3	-0.54	-12.4	6.0/08.2	23870
1984 DE ₁	94 08 27.1	22 22.67	-09 49.2	18.1	-0.63	- 3.3	0.1/27.3	22076	1987 SV ₃	94 09 02.5	22 46.08	-16 46.8	15.7	-1.10	+ 1.5	4.4/31.5	22078
1991 UT ₃	94 08 27.2	22 22.74	-17 27.0	15.3	-0.91	- 7.4	3.4/24.8	23518	1989 BW ₁	94 09 02.7	22 46.43	-11 55.2	17.3	-0.95	- 6.3	1.5/01.4	20634
1979 OA	94 08 27.2	22 23.03	+23 47.4	16.5	-1.26	+ 4.6	14.4/06.3	6950	1992 CO	94 09 02.8	22 47.00	-20 34.2	16.2	-0.75	- 6.4	4.0/29.4	22431
1990 TE ₁	94 08 27.6	22 24.44	-32 47.8	15.5	-1.12	+ 3.2	11.3/21.7	21974	1990 RA ₅	94 09 02.9	22 47.14	+01 29.5	15.9	-0.75	-11.3	3.5/06.4	23869
4071 T-3	94 08 27.8	22 24.93	-19 16.9	17.9	-1.02	- 5.6	3.7/25.0	22274	3276 T-2	94 09 03.1	22 48.08	-13 04.1	18.4	-0.83	- 6.7	1.9/01.3	22088
1991 UE ₅	94 08 27.8	22 25.12	-02 23.7	17.7	-1.03	- 3.1	2.9/29.9	22594	1989 GD ₅	94 09 03.1	22 48.08	-31 59.3	15.6	-1.10	+ 0.7	10.0/27.6	23537
(5529)	94 08 27.9	22 25.54	-16 14.0	15.4	-1.06	- 3.2	2.8/26.3	21923	4665 P-L	94 09 03.3	22 48.65	-15 18.2	16.3	-0.94	- 4.0	3.4/32.0	22274
1988 VH ₅	94 08 28.0	22 25.71	-11 38.6	16.2	-1.01	- 5.8	0.7/27.5	23537	1981 ER ₄₂	94 09 03.4	22 49.10	-08 54.0	18.8	-0.77	- 4.2	0.4/03.0	21968
1039 T-3	94 08 28.2	22 26.68	-15 11.2	17.2	-1.07	+ 1.2	2.3/27.0	18834	1989 CH ₄	94 09 03.8	22 50.46	-06 35.2	16.8	-0.94	- 5.0	0.3/04.1	23537
(5516)	94 08 28.2	22 26.80	-07 39.2	16.6	-0.80	- 8.9	0.7/29.0	21918	4050 T-1	94 09 03.8	22 50.64	-10 20.0	15.2	-0.73	- 8.8	1.6/02.8	23870
1981 EY ₂₇	94 08 28.6	22 28.04	-23 06.2	16.5	-1.11	+ 2.3	6.2/25.6	18807	3557 P-L	94 09 03.9	22 50.84	-03 01.9	17.0	-1.02	- 4.1	1.7/05.2	23539
1983 AA ₃	94 08 28.6	22 28.28	-21 30.4	17.2	-0.94	- 3.1	3.8/25.2	22075	1993 FQ ₂₅	94 09 04.0	22 51.29	-05 32.6	15.8	-0.86	- 4.3	0.7/04.6	23870
1981 RO ₁	94 08 28.7	22 28.45	-13 09.2	16.8	-0.97	- 7.7	1.5/27.6	23682	2157 T-3	94 09 04.0	22 51.43	+00 38.4	17.5	-0.93	- 6.0	3.3/06.6	22432

1981 EE ₃₅ (5926)	94 09 04.0	22 51.48	-06 07.8	15.6	-0.69	-10.5	0.5/04.5	23868	1981 ET ₃₁	94 09 11.2	23 17.29	-01 47.5	16.3	-0.73	- 7.8	0.9/12.3	16577	
6628 P-L	94 09 04.3	22 52.16	-07 32.2	14.8	-0.66	- 8.7	0.2/04.2	23497	1984 SJ ₇	94 09 11.3	23 17.54	+08 29.2	15.9	-1.01	- 1.7	6.2/15.1	23868	
1990 SV ₁₃	94 09 04.5	22 52.92	-10 48.1	16.9	-0.93	- 3.6	1.4/03.4	22273	3347 T-2	94 09 11.4	23 17.89	-10 02.1	18.4	-0.95	- 6.1	2.1/09.7	16038	
1989 CJ ₈ (5517)	94 09 04.6	22 53.39	-11 09.3	16.8	-0.86	- 8.1	1.4/03.3	21938	1978 VW ₆	94 09 11.5	23 18.35	+18 25.2	17.7	-0.83	- 5.6	8.7/19.7	21965	
1987 SU ₁₇	94 09 05.0	22 54.50	-29 14.2	16.4	-0.91	- 5.4	7.3/28.4	21918	1991 XZ ₅	94 09 11.7	23 18.95	-06 06.3	17.1	-1.04	- 3.4	0.7/11.2	22594	
1981 EQ ₄₂	94 09 05.1	22 55.27	+03 29.9	15.6	-0.80	- 8.0	4.7/08.7	23513	1992 ED ₁	94 09 11.8	23 19.18	+18 00.3	16.0	-0.83	- 5.8	8.2/19.8	21977	
1989 RW	94 09 05.2	22 55.65	+05 36.0	16.5	-0.75	- 6.9	4.1/09.7	22228	1991 BZ	94 09 11.8	23 19.40	+05 33.5	17.0	-0.86	- 3.4	3.9/14.9	21975	
1991 YC	94 09 05.3	22 55.85	-25 00.8	18.0	-0.87	- 7.0	5.4/29.9	22084	4529 P-L	94 09 11.8	23 19.50	-05 41.9	18.1	-0.78	- 3.1	0.4/11.5	22694	
1993 ES	94 09 05.3	22 55.96	-14 04.5	16.3	-0.99	- 1.8	2.5/03.4	23539	1993 FB ₁	94 09 12.0	23 20.12	-18 57.0	16.3	-0.93	- 4.2	5.0/07.5	22408	
1984 SQ ₂	94 09 05.4	22 56.22	-17 03.1	15.6	-1.00	- 2.4	5.1/02.4	23868	1986 TT ₁₁	94 09 12.1	23 20.70	-13 07.2	15.7	-1.15	+ 3.5	4.1/10.3	17438	
1993 HM ₁	94 09 05.4	22 56.43	-19 11.8	17.0	-0.81	- 8.7	3.9/01.0	22432	4837 P-L	94 09 12.2	23 20.98	-04 23.8	18.4	-0.70	- 4.4	0.0/12.2	23866	
1981 ED ₆	94 09 05.5	22 56.78	+12 44.5	18.3	-0.75	-10.4	8.3/13.6	18417	1990 RD ₉	94 09 12.3	23 20.98	+13 08.1	16.3	-0.97	- 3.6	5.9/17.8	23869	
1993 HP	94 09 05.6	22 57.14	-10 38.4	16.7	-0.93	- 7.8	1.5/04.4	22242	1989 KE	94 09 12.3	23 21.10	-11 09.7	17.0	-0.78	-10.1	2.4/09.7	22228	
1989 GA ₃	94 09 05.9	22 57.97	-04 06.3	18.1	-0.90	- 5.8	0.8/06.7	22825	1981 DN	94 09 12.4	23 21.41	+04 06.3	19.6	-0.93	- 4.3	2.6/15.0	22696	
4046 T-3	94 09 05.9	22 58.36	-14 45.0	16.6	-0.91	- 7.3	3.6/03.3	22088	1980 PV ₁	94 09 12.7	23 22.62	+06 08.3	17.1	-0.84	- 4.5	3.2/16.1	21966	
1990 VS ₅	94 09 06.0	22 58.34	-22 50.2	17.5	-0.83	- 6.6	5.7/31.2	22273	1988 BY ₃	94 09 12.8	23 23.16	-05 08.5	16.7	-0.82	- 8.2	0.4/12.5	21971	
1105 T-2	94 09 06.0	22 58.57	-04 59.1	18.3	-0.83	- 6.0	0.5/06.6	15075	6547 P-L	94 09 13.0	23 23.53	-09 17.4	16.0	-0.86	- 3.4	2.6/11.3	22087	
1981 EM ₈	94 09 06.3	22 59.80	+00 24.7	16.9	-0.74	- 4.6	2.4/08.7	22429	4310 T-3	94 09 13.0	23 23.67	-14 25.0	17.9	-0.99	- 4.9	4.1/09.8	20347	
1991 TJ ₂	94 09 06.4	23 00.14	-20 37.7	14.6	-0.92	- 1.1	7.8/02.4	23869	4735 P-L	94 09 13.1	23 23.97	-08 47.7	18.0	-1.02	- 5.5	2.2/11.6	23680	
2614 P-L	94 09 07.0	23 02.14	-04 02.8	18.5	-0.77	- 6.8	0.9/07.8	17973	1981 EQ	94 09 13.3	23 24.71	-10 44.4	17.1	-0.82	- 2.3	2.0/11.2	23787	
2095 P-L	94 09 07.3	23 03.19	-04 57.8	19.3	-0.88	- 4.5	0.4/07.7	23791	1980 TC ₅	94 09 13.3	23 24.93	+09 21.7	15.9	-0.72	- 6.9	5.1/18.2	23868	
6303 P-L (5696)	94 09 07.3	23 03.36	-04 54.1	17.2	-0.77	- 5.6	0.4/07.8	23867	1980 FF ₃ (5527)	94 09 13.4	23 24.94	-03 57.9	18.4	-0.93	- 3.3	0.1/13.4	21965	
1981 EB ₁₇ (5606)	94 09 07.5	23 03.86	-09 22.6	16.0	-0.77	- 3.6	1.1/06.5	22585	94 09 13.5	23 25.32	-10 25.9	15.1	-0.94	- 6.7	2.9/11.3	21922		
1978 UN ₅	94 09 07.8	23 05.20	-11 08.2	16.1	-0.91	- 0.9	2.6/06.4	20807	1991 RD ₅	94 09 13.5	23 25.37	-01 38.6	17.2	-1.04	- 5.2	0.8/14.2	22084	
1991 BG ₂ (5632)	94 09 08.0	23 05.91	-09 59.5	16.9	-0.73	- 4.4	1.1/06.7	21575	1981 EL ₅	94 09 13.5	23 25.45	+11 20.8	18.4	-0.74	- 5.1	4.6/18.8	22967	
1987 SH ₂	94 09 08.3	23 06.61	-35 59.6	15.4	-0.92	- 3.8	10.3/28.5	22396	1992 CG ₁	94 09 13.7	23 26.40	-08 01.0	16.6	-0.73	- 5.0	1.2/12.3	23790	
4801 P-L	94 09 08.7	23 06.87	-03 18.5	15.7	-0.79	-11.2	1.0/09.3	22272	1979 QA ₂	94 09 14.1	23 27.84	-04 38.6	17.2	-0.94	- 5.5	0.4/13.8	23778	
1981 GQ	94 09 08.8	23 08.14	-08 46.6	19.0	-0.73	- 4.8	1.0/07.7	23791	1989 VX	94 09 14.2	23 28.20	-07 48.2	16.0	-0.75	- 5.0	1.5/12.8	22081	
1981 GQ	94 09 08.8	23 08.40	-16 01.0	18.2	-0.78	- 2.6	2.5/05.5	21968	2563 P-L	94 09 14.3	23 28.23	-04 24.1	16.7	-0.72	- 5.1	0.3/14.0	23791	
1993 FJ ₅₀	94 09 09.0	23 09.39	-05 07.0	16.2	-1.03	- 5.2	0.1/09.2	23528	1978 VA ₆	94 09 14.4	23 28.73	-06 29.3	17.8	-0.74	- 4.4	0.9/13.4	23856	
1993 FO ₄₀	94 09 09.2	23 10.27	-09 30.3	15.8	-0.98	- 5.6	1.9/08.0	23527	1990 WB ₃	94 09 14.5	23 29.13	-13 22.4	15.8	-0.84	- 4.8	3.6/11.2	23781	
1981 UT	94 09 09.4	23 10.67	-06 04.3	14.8	-1.01	- 4.1	0.4/09.2	22599	9538 P-L	94 09 14.8	23 30.06	-03 57.4	16.7	-0.93	- 6.9	0.3/14.6	23540	
1988 CF	94 09 09.7	23 11.82	-06 43.6	17.9	-0.89	- 4.2	0.5/09.3	19677	1991 VJ ₃	94 09 14.9	23 30.56	-11 19.2	16.3	-1.01	- 5.1	3.5/12.4	20643	
1988 AX ₄	94 09 09.8	23 12.40	-03 02.9	15.4	-0.75	- 9.5	0.9/10.7	16874	1990 OO ₃	94 09 15.4	23 32.41	-07 31.1	16.1	-0.84	- 8.7	1.8/13.9	21974	
2189 T-2	94 09 10.1	23 13.10	-03 03.8	16.5	-0.86	- 5.3	0.7/11.0	22597	1981 ES ₃₉	94 09 15.5	23 32.85	-00 45.4	20.0	-0.78	- 4.8	0.7/16.3	22430	
1983 EM ₁	94 09 10.3	23 14.02	-09 13.8	16.3	-1.04	- 4.6	1.7/09.1	22599	1982 CE	94 09 15.6	23 32.91	-04 19.7	17.2	-0.91	- 7.1	0.5/15.2	14615	
1987 VQ	94 09 10.4	23 14.16	-03 43.1	16.8	-0.92	- 6.6	0.5/10.8	22079	1990 VC ₁₅	94 09 15.6	23 32.99	-02 24.2	15.6	-0.79	- 6.8	8.9/27.0	23790	
1993 FP	94 09 10.4	23 14.23	-03 08.9	16.1	-0.88	- 6.8	0.6/11.0	23539	1982 UD ₇ (5601)	94 09 15.6	23 32.99	+04 37.1	14.9	-0.68	- 9.4	3.3/18.5	23788	
2151 T-3	94 09 10.4	23 14.34	-08 23.9	17.1	-1.10	- 1.8	1.4/09.5	23681	94 09 15.7	23 33.37	-07 20.4	14.9	-1.03	- 2.5	2.2/14.5	22216		
1990 QP ₅	94 09 10.4	23 14.53	-04 49.6	15.0	-0.76	- 9.2	0.0/10.5	23869	1981 EN ₄ (5651)	94 09 15.8	23 33.67	-15 43.1	15.5	-0.66	- 9.0	4.2/10.8	22480	
2099 P-L	94 09 10.5	23 14.69	+00 25.2	17.2	-0.91	- 7.9	1.9/12.3	23539	1984 DN	94 09 15.8	23 33.79	-06 58.7	17.2	-0.82	- 7.2	1.2/14.4	22076	
1989 GO ₄	94 09 10.5	23 14.75	-02 55.8	17.4	-0.91	- 5.3	0.7/11.2	20016	1989 AL ₃	94 09 15.9	23 33.97	-09 38.7	17.7	-0.92	- 7.8	2.7/13.6	22272	
1980 GL	94 09 10.6	23 15.10	-15 07.7	16.9	-0.99	- 1.7	3.6/07.8	22598	1981 EN ₄	94 09 15.9	23 34.29	+12 37.2	18.1	-0.74	- 5.0	4.5/21.4	17816	
1993 FJ ₂₉	94 09 10.6	23 15.11	+02 20.6	16.2	-0.96	- 2.1	3.7/12.7	23526	1993 JV	94 09 16.1	23 34.97	-02 48.9	15.8	-0.81	- 4.5	0.0/16.2	23870	
1993 DB ₁ (5551)	94 09 10.6	23 15.21	-05 11.4	16.8	-0.95	- 6.0	0.1/10.6	22274	1981 EP ₁₈	94 09 16.2	23 35.05	+00 02.3	18.7	-0.68	- 6.5	0.7/17.2	15703	
1981 WE ₉	94 09 11.2	23 17.16	-03 17.1	15.0	-0.78	- 8.0	0.7/11.7	23511	1991 TO ₁₃ (5581)	94 09 16.2	23 35.33	+07 57.7	15.5	-0.82	- 9.1	4.7/20.2	23538	
									94 09 16.8	23 37.25	-03 03.5	17.3	-0.90	- 6.7	0.2/16.6	22209		
									1993 FS ₅₀	94 09 17.2	23 38.58	-01 09.7	16.8	-0.93	- 4.8	0.5/17.6	23528	
									1981 EK ₇	94 09 17.3	23 38.89	+02 58.1	16.9	-0.72	- 5.8	1.7/19.1	23787	
									1981 EK ₅	94 09 17.3	23 39.06	+07 02.6	18.6	-0.76	- 4.0	2.7/20.5	22270	
									1990 UJ ₂	94 09 17.4	23 39.66	-08 40.8	15.5	-0.71	- 7.3	2.8/15.1	23789	

1964 YJ	94 09 17.5	23 39.70	-16 52.2	16.1	-0.73	- 6.0	4.2/12.3	13480	(5687)	94 09 22.6	23 57.93	-16 14.5	14.3	-0.68	- 7.9	5.7/16.4	22583
1991 VF ₂	94 09 17.6	23 40.04	+04 55.9	16.9	-0.92	- 8.1	2.8/20.0	19519	1993 HL ₆	94 09 22.6	23 58.03	+07 35.8	16.7	-0.94	- 8.8	2.8/25.3	23539
1989 CS ₂	94 09 17.6	23 40.17	+02 40.0	16.8	-0.86	- 8.8	1.8/19.3	23537	1993 FR ₃	94 09 22.6	23 58.11	+05 01.3	16.2	-0.85	- 8.4	2.0/24.5	23521
5119 T-3	94 09 17.7	23 40.49	+02 52.5	16.2	-0.84	-16.9	1.8/19.7	22088	4113 P-L	94 09 22.6	23 58.19	+01 11.8	17.7	-0.89	- 6.5	0.5/23.1	22086
1993 FL ₈	94 09 17.7	23 40.57	-11 50.1	16.8	-1.02	- 2.9	3.9/14.9	23522	1991 BY	94 09 22.9	23 59.01	+10 33.8	15.0	-0.86	- 1.2	3.2/26.1	22083
1993 HC ₁	94 09 17.8	23 40.72	-27 26.6	19.0	-1.34	+ 1.6	8.8/11.6	23539	1978 VE ₁₁	94 09 22.9	23 59.18	+10 27.6	17.8	-0.95	- 7.3	4.1/26.5	20628
(5631)	94 09 17.8	23 40.93	-02 36.0	15.7	-0.94	- 5.4	0.2/17.7	22396	1990 QY ₂	94 09 22.9	23 59.33	-00 06.6	16.4	-0.91	- 4.6	0.0/23.0	22082
1993 JE	94 09 18.0	23 41.81	-14 02.8	16.4	-0.94	- 5.4	4.4/14.2	22495	1990 YH	94 09 23.2	00 00.22	-11 49.0	15.8	-0.71	- 6.9	3.5/18.9	22431
4321 T-1	94 09 18.0	23 41.82	-05 50.4	17.9	-0.86	- 5.2	1.2/16.8	21602	1973 AW ₃	94 09 23.2	00 00.30	-11 50.2	16.2	-0.84	- 4.1	3.7/19.4	21963
1992 EE ₁₁	94 09 18.1	23 42.14	-04 52.3	17.6	-0.73	- 4.7	0.8/17.2	23862	1988 CK ₄	94 09 23.2	00 00.38	+20 16.7	16.7	-0.93	- 3.9	7.0/30.2	22951
1981 EF ₂₅	94 09 18.2	23 42.31	-02 32.1	18.3	-0.92	- 6.0	0.2/18.0	22697	1982 UH ₈	94 09 23.3	00 00.72	+10 09.6	15.7	-0.89	- 4.9	4.0/26.7	22484
1981 EH ₂₃	94 09 18.3	23 42.48	+00 06.4	17.1	-0.91	- 5.8	0.8/18.9	21967	4157 T-3	94 09 23.4	00 01.18	-02 48.9	18.1	-0.90	- 8.5	1.1/22.5	19884
1170 T-2	94 09 18.3	23 42.73	+02 11.3	18.1	-0.76	-10.1	1.4/19.9	19329	1990 QW ₁	94 09 23.6	00 01.60	+03 22.6	16.2	-0.97	- 3.2	1.3/24.6	22082
1990 VQ ₁	94 09 18.4	23 42.89	+13 24.4	15.4	-0.78	- 8.8	5.4/24.3	23869	1978 VW ₂	94 09 23.7	00 01.99	-01 40.8	18.7	-0.71	- 4.9	0.5/23.1	19291
1984 UB ₃	94 09 18.4	23 43.06	-00 25.7	16.0	-0.76	- 5.0	0.5/18.9	21969	6607 P-L	94 09 23.8	00 02.23	-04 28.0	18.0	-0.88	- 6.6	1.6/22.2	22087
1990 OL ₄	94 09 18.4	23 43.17	+12 15.9	15.8	-0.82	- 3.1	7.0/23.2	17211	1983 OD	94 09 23.8	00 02.38	-22 50.4	15.7	-0.59	-11.0	10.8/13.5	21933
1986 TG ₁	94 09 18.5	23 43.26	-04 00.3	15.9	-1.14	+ 2.1	0.9/18.0	21970	1978 VP ₁	94 09 24.0	00 03.22	+08 42.0	17.4	-0.73	- 5.5	2.7/27.0	19856
1989 SU ₃	94 09 18.7	23 44.32	+00 47.0	16.8	-0.69	- 7.2	0.7/19.7	22493	1977 QY ₃	94 09 24.0	00 03.36	-13 17.5	15.1	-0.94	- 5.1	6.3/19.8	23868
1989 TC ₃	94 09 19.1	23 45.43	-03 00.1	17.8	-0.72	- 6.8	0.4/18.6	21973	6670 P-L	94 09 24.3	00 04.01	-00 41.8	18.6	-0.89	- 4.4	0.4/23.9	23791
1992 FJ ₁	94 09 19.1	23 45.48	+19 31.0	16.8	-0.85	- 1.5	5.4/26.0	21977	1990 WS ₄	94 09 24.4	00 04.52	-01 38.5	16.6	-0.78	- 6.4	0.8/23.7	23790
4379 T-3	94 09 19.1	23 45.55	-05 02.0	17.4	-0.90	- 8.3	1.3/18.0	22088	1992 ED ₁₁	94 09 24.7	00 05.81	+04 00.0	16.5	-0.97	- 2.1	1.3/25.8	23862
1981 ER ₄₀	94 09 19.1	23 45.62	+00 05.5	20.0	-0.90	- 5.5	0.6/19.7	22271	(5559)	94 09 24.9	00 06.17	-21 22.2	14.9	-0.98	- 3.6	9.1/18.1	22046
1981 EG ₄₄	94 09 19.2	23 45.79	-06 19.2	17.8	-0.82	- 2.6	1.4/17.7	21968	1993 KB ₂	94 09 24.9	00 06.46	-01 57.6	15.0	-0.67	-10.0	0.8/23.9	23790
1978 SE ₁	94 09 19.4	23 46.65	-17 28.7	15.9	-0.83	- 4.2	7.2/14.0	22823	1991 CX ₅	94 09 25.0	00 06.64	-13 39.3	16.7	-0.75	- 5.1	4.0/20.0	21942
1992 AD ₁	94 09 19.7	23 47.85	+18 38.8	16.5	-0.86	- 4.7	5.9/26.7	22495	1990 UG ₃	94 09 25.1	00 07.13	-11 16.6	15.6	-0.93	- 3.5	5.5/21.3	18634
1993 FR ₂	94 09 19.8	23 47.99	-02 26.5	16.7	-0.94	- 7.9	0.4/19.4	22700	1980 TS ₄	94 09 25.2	00 07.30	-02 36.5	13.8	-0.97	- 4.4	1.6/24.2	22074
1987 RE ₁	94 09 19.9	23 48.38	+01 41.3	14.7	-0.95	- 0.6	1.5/20.8	19675	1992 EC ₁	94 09 25.3	00 07.61	+06 37.2	19.3	-0.79	-11.7	1.7/27.5	20342
1979 MX ₆	94 09 19.9	23 48.58	+10 16.9	16.5	-0.91	- 6.6	4.4/23.9	21965	1991 BH ₂	94 09 25.6	00 09.07	+08 02.1	16.0	-0.85	- 2.2	2.2/27.8	17969
1981 EE ₁	94 09 19.9	23 48.60	-03 48.2	18.1	-0.87	- 6.5	0.9/19.1	22074	4026 P-L	94 09 25.7	00 09.31	+02 14.5	17.0	-1.01	- 1.5	0.4/26.1	18830
6104 P-L	94 09 20.2	23 49.29	+01 04.9	18.4	-0.71	- 5.7	0.7/21.0	17975	1991 RK ₇	94 09 25.8	00 09.52	+08 37.6	17.3	-1.03	- 6.1	3.1/28.3	20640
1988 RV ₁₀	94 09 20.4	23 50.06	-03 07.0	17.9	-0.69	- 5.0	0.5/19.7	22969	1990 SN ₄	94 09 25.8	00 09.52	+03 44.6	14.9	-1.07	- 0.4	1.1/26.5	22082
2025 P-L	94 09 20.5	23 50.62	-01 34.6	16.2	-0.78	- 2.9	0.1/20.4	23866	1990 QY ₃	94 09 25.9	00 10.08	+03 23.8	16.2	-0.95	- 4.8	0.9/26.7	23537
1988 ED ₁	94 09 20.6	23 51.15	-31 05.5	14.5	-0.94	+ 4.2	11.0/09.3	22485	1991 CR ₁	94 09 25.9	00 10.17	-10 48.7	16.8	-0.73	- 5.3	3.6/21.8	20507
3509 P-L	94 09 20.8	23 51.81	-08 16.0	17.3	-1.79	+ 7.3	3.7/19.8	15903	(5763)	94 09 26.0	00 10.42	+01 00.6	16.7	-0.89	- 5.9	0.0/26.0	22801
1993 GO	94 09 20.9	23 52.19	-21 14.1	17.9	-0.97	- 2.9	6.4/14.7	23135	1986 XH	94 09 26.2	00 10.95	+21 35.4	17.1	-0.88	- 5.0	7.3/03.2	22969
2702 P-L	94 09 21.0	23 52.20	-01 58.3	18.5	-0.70	- 4.4	0.3/20.6	22971	1970 OB	94 09 26.6	00 12.63	-09 00.4	15.4	-0.97	- 4.3	4.9/23.5	21963
1981 EE ₂₂	94 09 21.0	23 52.25	-03 01.1	19.2	-0.76	- 3.7	0.6/20.3	22271	6625 P-L	94 09 26.7	00 12.82	-02 16.3	16.7	-0.89	- 6.6	1.4/25.5	23532
1991 CL ₃	94 09 21.0	23 52.35	-14 55.8	16.2	-0.88	- 1.2	4.0/16.8	18127	1990 TW ₁₂	94 09 26.9	00 13.77	-14 55.5	16.6	-1.03	- 0.3	6.4/22.3	17965
1992 DL ₇	94 09 21.2	23 52.90	-04 36.1	17.1	-0.77	- 5.3	1.3/19.9	23861	1989 LA	94 09 27.0	00 13.76	-04 33.3	16.3	-0.84	- 6.2	2.2/25.0	22272
1993 FM ₁₀	94 09 21.3	23 53.40	-05 11.1	17.6	-0.92	- 5.5	1.7/19.9	23522	1980 FJ ₁	94 09 27.0	00 14.08	+07 57.3	15.5	-0.94	+ 0.3	2.2/28.8	22074
1990 YA	94 09 21.5	23 54.18	+09 20.8	15.1	-0.75	- 4.7	4.8/24.9	23869	1989 GB ₃	94 09 27.4	00 15.37	+01 20.9	16.1	-0.96	- 3.7	0.1/27.4	23537
6586 P-L	94 09 21.7	23 54.70	-03 01.1	17.5	-0.67	-12.4	1.0/20.7	17975	4865 P-L	94 09 27.6	00 16.11	-00 35.1	17.0	-1.03	- 5.5	1.0/26.9	23532
1989 HD	94 09 21.7	23 54.91	-13 35.2	16.5	-0.79	- 9.1	4.5/17.0	22493	4600 P-L	94 09 27.6	00 16.27	-00 23.7	17.6	-0.72	- 5.0	0.6/27.0	23135
1987 QH ₃	94 09 21.8	23 55.04	+00 04.5	16.1	-1.05	- 1.6	0.3/22.0	22078	1991 VX ₃	94 09 27.8	00 16.83	-00 52.9	16.3	-0.99	- 5.7	1.1/27.0	22431
1981 EW ₃₉	94 09 21.8	23 55.32	-00 44.5	19.6	-0.83	- 2.3	0.1/21.8	21967	3083 P-L	94 09 27.9	00 16.97	+14 04.5	16.8	-0.94	- 6.2	4.5/02.0	22274
2086 T-2	94 09 21.8	23 55.40	+00 47.5	18.1	-0.75	- 3.8	0.3/22.3	22087	1989 GR ₃	94 09 27.9	00 17.37	+08 36.2	17.0	-0.90	- 6.6	2.5/30.3	17443
6564 P-L	94 09 22.0	23 55.85	-03 55.0	16.1	-0.72	- 5.2	1.2/20.8	23870	1984 SL ₃	94 09 28.0	00 17.42	-03 48.3	13.6	-1.03	+ 0.9	3.0/26.6	23512
1977 TD ₁	94 09 22.1	23 56.16	+10 54.7	15.5	-0.71	-10.8	4.4/26.5	22073	9508 P-L	94 09 28.1	00 18.01	-01 37.6	17.8	-0.71	- 4.6	0.9/27.0	22432
1989 GU ₃	94 09 22.1	23 56.25	+07 09.0	16.5	-0.89	- 6.2	2.9/24.7	17443	1988 BL ₅	94 09 28.1	00 18.07	+24 12.8	17.2	-0.95	- 3.6	8.7/05.6	19501
2024 P-L	94 09 22.4	23 57.19	+00 20.9	16.9	-1.02	- 4.4	0.2/22.6	22495	1981 EL ₄₁	94 09 28.2	00 18.19	+02 07.3	19.6	-0.84	- 2.3	0.0/28.3	22697
1979 MO ₄	94 09 22.5	23 57.68	-01 25.1	18.8	-0.77	- 5.7	0.4/22.1	23856	1990 QC ₁	94 09 28.2	00 18.33	+15 24.4	15.9	-1.02	- 4.7	4.8/02.6	22272

1992 BZ	94 09 28.2	00 18.34	-03 25.8	16.5	-0.92	- 5.5	2.0/26.5	22085	1993 FV ₃₂	94 10 04.2	00 39.99	-01 11.4	15.0	-0.83	- 6.2	2.6/02.4	23526
1990 VD ₆	94 09 28.2	00 18.47	-03 14.8	16.3	-0.75	- 8.4	1.8/26.4	22231	5482 T-2	94 10 04.2	00 40.20	+17 16.7	16.4	-1.04	- 3.5	6.1/08.3	15259
1968 QE	94 09 28.5	00 19.50	+05 40.0	15.5	-0.83	- 5.7	1.7/29.8	23868	1984 WM ₁	94 10 04.3	00 40.39	+11 44.2	16.5	-1.06	- 3.6	3.1/06.5	22076
1984 SR ₂	94 09 28.9	00 20.74	+11 01.3	15.5	-0.98	- 2.9	4.3/01.5	22076	1993 MA ₁	94 10 04.4	00 40.78	-07 09.3	15.9	-0.90	- 2.8	3.9/01.0	22827
2304 T-2	94 09 28.9	00 20.88	-00 33.1	18.5	-0.78	- 4.3	0.9/28.1	22701	1992 FB	94 10 04.5	00 41.06	-11 02.9	14.7	-0.87	- 1.7	5.4/29.9	22085
1979 OG ₈	94 09 29.0	00 20.96	-43 47.7	17.6	-0.18	-10.2	32.0/21.0	23856	1010 T-2	94 10 04.5	00 41.13	+07 33.7	16.5	-0.71	- 7.0	0.9/05.7	22495
6543 P-L	94 09 29.5	00 22.84	-01 04.0	16.0	-0.75	- 4.5	1.2/28.4	21978	1992 AO	94 10 04.6	00 41.63	-31 27.5	15.1	-0.85	- 8.1	13.8/18.9	23869
1993 GN ₁	94 09 29.5	00 22.85	+09 32.3	18.1	-0.98	- 6.8	2.6/01.8	22595	1992 FW ₁	94 10 04.8	00 42.33	+04 48.7	17.0	-0.81	-19.9	0.1/05.0	22600
1981 ER ₃₁	94 09 29.5	00 22.96	-01 05.7	19.0	-0.87	- 7.2	1.2/28.3	22697	1983 RQ ₃	94 10 04.9	00 42.31	+12 03.0	15.4	-0.94	- 2.7	3.8/07.2	23668
1971 TY ₂	94 09 29.7	00 23.47	+18 07.5	15.7	-0.88	- 4.4	5.4/04.7	22967	1990 TB ₄	94 10 05.0	00 42.71	+06 53.0	17.0	-0.88	- 5.5	0.8/05.7	17642
1981 SE ₇	94 09 29.7	00 23.80	-08 25.9	15.4	-0.88	- 3.4	4.3/26.4	20922	(5586)	94 10 05.1	00 43.25	+01 22.5	16.3	-0.90	- 6.9	1.1/04.1	22211
(5625)	94 09 29.8	00 23.84	-01 46.9	14.8	-0.66	-12.3	1.7/28.1	22394	1981 EX ₄	94 10 05.3	00 43.89	+13 13.3	16.3	-0.67	-11.5	2.7/08.7	22429
1988 CT ₅	94 09 29.9	00 24.61	+22 54.1	15.4	-1.07	- 1.0	8.3/06.2	21971	1975 TC ₆	94 10 05.3	00 43.89	+01 06.9	16.2	-1.00	- 3.2	1.2/04.3	21963
1993 EG	94 09 30.0	00 24.92	+04 03.4	16.2	-0.93	- 8.4	0.5/30.5	23790	1988 CH ₃	94 10 05.3	00 44.05	+25 51.0	17.9	-0.93	- 4.5	6.4/12.5	13468
1986 JA	94 09 30.1	00 25.20	-06 50.1	16.5	-0.85	-10.2	3.6/26.7	22077	1989 RB ₂	94 10 05.5	00 44.69	+14 58.6	16.0	-0.84	- 4.8	2.9/08.9	22493
1991 VF ₅	94 09 30.3	00 25.76	-05 39.4	16.0	-0.90	- 9.1	3.5/27.4	22431	1990 RC ₃	94 10 05.6	00 45.22	+06 53.3	15.7	-0.90	- 7.0	0.8/06.3	23537
4075 P-L	94 09 30.4	00 26.10	+03 42.8	17.9	-0.92	- 5.6	0.4/30.7	22701	1987 SO	94 10 05.7	00 45.57	+16 45.6	13.0	-0.95	- 6.2	5.8/09.8	22078
1990 SF ₁₁	94 09 30.7	00 27.26	+05 53.7	16.5	-0.92	- 5.4	1.1/01.7	21108	1932 CP	94 10 05.8	00 46.05	+02 28.1	15.8	-1.08	- 3.2	1.0/05.2	22220
1990 MR	94 09 30.7	00 27.51	+13 46.4	17.7	-0.96	- 7.9	4.0/04.5	21974	1989 BG	94 10 05.9	00 46.01	+14 52.2	15.9	-1.07	- 3.7	3.9/08.8	23789
1993 KL	94 10 01.0	00 28.58	-27 59.4	17.8	-1.22	+ 0.9	10.1/22.8	22600	1979 MC ₂	94 10 05.9	00 46.38	+05 09.0	16.7	-0.79	- 5.8	8.2/26.0	22967
(5569)	94 10 01.0	00 28.58	+05 32.9	16.2	-1.00	- 3.8	1.0/01.8	22204	1989 SL ₁₂	94 10 06.0	00 46.34	+06 15.1	16.8	-0.82	- 5.0	0.4/06.4	21973
3109 T-3	94 10 01.1	00 28.52	+03 10.3	18.3	-0.71	- 4.5	0.0/01.1	22088	1991 YX	94 10 06.0	00 46.54	-05 39.6	16.0	-0.84	- 7.9	4.9/02.3	19870
1991 VN ₁	94 10 01.1	00 28.55	-07 22.9	15.9	-0.97	- 6.6	4.2/27.7	22084	(5560)	94 10 06.0	00 46.55	-04 30.1	16.3	-1.00	- 4.6	3.7/03.2	22046
1993 FV ₁₂	94 10 01.1	00 28.77	-03 43.3	18.0	-0.79	- 9.5	2.3/28.7	23523	4114 T-1	94 10 06.0	00 46.66	+00 08.1	18.0	-0.95	- 5.4	1.7/04.6	22432
1988 BH ₅	94 10 01.1	00 28.87	+21 35.0	17.7	-0.88	- 5.8	5.8/07.6	22079	1981 JB ₂	94 10 06.1	00 46.85	-06 47.9	16.2	-0.82	- 1.9	3.4/02.6	20142
1981 UD ₂	94 10 01.2	00 28.93	+18 10.9	15.9	-0.74	- 9.6	5.8/07.0	22271	2155 T-2	94 10 06.2	00 47.49	+04 00.7	17.2	-0.92	- 7.8	0.4/05.9	23540
2630 P-L	94 10 01.2	00 29.30	+00 10.6	16.3	-0.93	- 3.7	1.4/30.4	22086	1986 XT	94 10 06.5	00 48.22	+07 42.6	15.0	-0.79	- 1.3	1.3/07.3	21970
1212 T-2	94 10 01.3	00 29.63	+06 04.4	16.0	-0.69	- 8.5	1.0/02.4	21978	1993 JL	94 10 06.5	00 48.59	-18 47.8	15.7	-0.95	- 2.2	8.0/29.4	22412
1990 OS ₁	94 10 01.4	00 29.88	+04 38.0	17.3	-1.05	- 3.1	0.5/01.9	23537	1979 EL	94 10 06.7	00 48.90	-22 20.0	15.2	-0.91	- 2.7	10.7/27.2	22073
1991 AF ₁	94 10 01.5	00 30.12	+18 00.1	16.3	-0.83	- 3.7	4.6/06.4	22970	1988 DJ ₁	94 10 06.7	00 48.93	-02 07.4	15.7	-0.82	- 8.1	3.2/04.1	21971
(5845)	94 10 01.6	00 30.62	+15 44.9	17.0	-0.78	- 4.1	3.6/05.8	23117	4214 T-1	94 10 06.8	00 49.30	+00 37.6	18.5	-0.84	- 6.6	1.6/05.3	19880
1978 VZ ₂	94 10 01.6	00 30.68	+00 42.8	17.6	-0.88	- 5.3	0.9/30.8	23787	3025 T-2	94 10 07.0	00 50.20	+00 12.9	16.4	-0.83	- 5.9	2.5/05.4	15257
1983 EV	94 10 01.7	00 30.88	+02 57.7	16.9	-0.85	- 4.3	0.1/01.6	22075	1991 XZ	94 10 07.1	00 50.69	+11 12.8	16.3	-1.05	- 4.6	2.3/08.9	19684
1991 DS	94 10 02.1	00 32.24	+00 00.5	16.5	-0.73	- 4.9	1.0/31.0	21975	1971 SB	94 10 07.2	00 50.79	+27 39.5	15.9	-2.09	+13.6	12.5/09.1	22049
1993 JX	94 10 02.2	00 32.55	+09 05.2	18.0	-0.92	- 7.8	2.1/04.1	22958	1990 QM	94 10 07.2	00 50.94	+02 33.5	16.1	-0.91	- 6.9	1.1/06.3	23537
1989 EY ₂	94 10 02.4	00 33.58	+13 36.5	15.8	-0.90	- 8.2	4.3/06.0	23537	1981 EW ₁₇	94 10 07.2	00 51.05	+06 59.1	17.3	-0.91	- 6.7	0.6/07.8	22270
1989 WU ₂	94 10 02.4	00 33.60	-01 33.5	16.3	-0.77	- 4.5	1.8/30.8	21973	1983 LL	94 10 07.3	00 51.09	+15 04.0	16.6	-0.98	- 6.6	3.9/10.4	23536
5141 T-2	94 10 02.7	00 34.52	+18 52.3	17.0	-0.84	- 3.7	4.9/07.8	20517	1993 OF ₉	94 10 07.3	00 51.17	+19 15.6	17.5	-0.82	- 4.0	4.0/11.8	22959
4247 P-L	94 10 02.7	00 34.55	+05 46.6	18.5	-0.91	- 6.0	0.7/03.4	23791	1987 UQ ₃	94 10 07.5	00 52.00	-06 49.9	15.7	-0.96	- 3.5	5.6/03.9	22493
1980 FR ₁	94 10 02.7	00 34.73	+08 05.5	15.6	-0.78	- 3.8	1.5/04.2	22270	4129 T-2	94 10 07.5	00 52.17	+02 58.4	17.1	-1.02	- 4.2	1.0/06.8	22701
4015 P-L	94 10 03.1	00 35.95	+07 05.3	16.5	-0.92	- 5.3	1.4/04.2	23540	1974 FJ	94 10 07.6	00 52.42	+08 45.0	17.5	-0.98	- 4.4	1.1/08.6	21963
2127 T-1	94 10 03.4	00 36.92	+00 35.1	16.1	-0.94	- 6.1	1.7/02.3	21122	(5676)	94 10 07.9	00 53.64	+11 54.0	14.5	-0.68	-14.9	2.6/10.5	22581
1989 AF ₁	94 10 03.4	00 37.03	-05 46.3	15.2	-0.89	- 7.2	4.6/30.1	22431	1985 XS	94 10 08.0	00 53.78	+03 39.6	16.5	-0.79	- 5.8	0.7/07.3	21970
1990 VE ₁	94 10 03.5	00 37.25	-17 02.2	15.7	-0.71	- 9.1	8.5/25.2	23789	1987 SR ₁₂	94 10 08.5	00 55.64	+03 26.3	16.2	-0.92	- 8.3	1.1/07.7	21971
1979 DF	94 10 03.5	00 37.49	-07 48.4	17.0	-0.95	- 2.1	3.6/30.1	18105	1981 EY ₁₃	94 10 08.7	00 56.31	+09 26.5	18.7	-0.71	- 7.6	1.1/09.9	20328
2064 P-L	94 10 03.8	00 38.58	+09 23.8	18.0	-0.74	- 4.4	1.4/05.6	22700	(5630)	94 10 08.8	00 56.73	+04 56.5	16.0	-0.97	- 7.4	0.4/08.5	22396
1988 FF	94 10 03.9	00 38.71	-10 28.0	16.1	-0.85	- 3.8	4.7/29.3	22493	1978 VR ₄	94 10 08.9	00 57.30	+10 24.7	16.3	-0.97	- 8.1	1.8/10.4	23787
3424 T-3	94 10 04.0	00 39.22	+01 43.7	18.2	-0.83	- 6.1	0.9/03.2	19331	4817 P-L	94 10 09.0	00 57.61	+03 05.6	18.2	-0.82	- 9.5	1.2/08.0	15904
1992 FP	94 10 04.0	00 39.23	+02 15.1	17.4	-0.72	- 4.3	0.5/03.4	22600	1977 DB ₁	94 10 09.4	00 59.04	+01 47.3	17.8	-0.93	- 6.7	1.7/08.0	23787
1986 QX ₃	94 10 04.1	00 39.75	-02 03.4	16.5	-0.90	- 5.9	2.4/02.2	23536	1992 GZ ₄	94 10 09.7	01 00.13	+03 06.5	17.2	-0.76	- 4.3	1.0/08.7	21581
1981 QK ₃	94 10 04.1	00 39.81	+15 30.3	16.4	-1.06	- 0.2	4.5/07.2	23857	3535 P-L	94 10 09.8	01 00.46	+20 26.9	16.4	-1.10	- 2.8	4.9/13.9	22495